



三年制高职 软件技术专业技能考核标准

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12?

22?

22? ?

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oÑl oÒ !!_2^®

Lç-p5 5 , = Ý " A !ÿ Y Ñ@ , ðRì »(G- X = Ý, — " 4 XF O Z Gy W
(6&L, & " A , &L\$ a T jGý?- " j ¶ ^ O , Æ@ ^ &L\$ = u? ,L N" " 4 ¾K J,
(ö 7 O O ^ 1' 3+5 " +X @ ^ +O#k]FÓ,1° ^4q*@, L N" ~
)àLf AÑ' ^7- £K^1'# f5 f#qO; . ^E^ O Z / n "AÑ' fE^ * †,Lf ~
? Ö° y O Z - (F Ø#) " +X ¾rLf , l ~ X k - (F k Ø#)]B3+XB FB
- (F Ø#) ""r * n ,Lf " fE^ *5 ì ~

oÑl oÒ !!_ X?;

+ ÑO Öß †G}5 > JavaN'- à * ~10 6 "

§ ?-"r Ö

! . G}5 Lö@ O § x
à * webN'- (project 1)
K *2« ~ Factorial "

Ö-"r Ö

B' 6 O §,N'- 1Ñ6 O " O2« p X , • &] AÜ« = \$5 ?æ "f Z . "
Ö# 1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#qO; . ~15 6 "

§ ?-"r Ö

i + ÑÿF],MO"r "5 f-(£1'# #qO; . ""?"rO; ç x f5 .F9 !. " #qO;
.5 f 7 ö "1'# MD \$5 ~

Ö-"r Ö

B'5 f > ,#qO; . " Ö# 1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #q0; .5F É; ¿ ~ 40 6 -

§ ?-"r Ö

fl+Xeclipse § " i :F #q0; .5F É(~ .1 "?"-r .1MO M A)B Ø# ;

?)à " .1 μØMO)à#q0; . MD ^% C^MO"r ~

-(; . 5 .F +X ä "7- O 8*6@ ^ a LuL N" ~

.1 Éö93 " 7 ö ~ ~

Ö-"r Ö

6 .1 Z . " Ö#1 § 3-1 Z . }5 ~

6F >| /j x ì F5 ì Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 -

§ t ; Ö

i MO"r ...#q0; .5F ÉB 1'# ; s#{B +X » "?"-r#{B Ø x ^ Ø# ^ ° _ ...1 +

... · "#{B E^ ^ >| & œN· O5 ì " _ V% C^ h . Z(' °E &MO"r ~

Ö-"r Ö

É#{B +X »"w k> ~

#{B +X »"w k> > =?ô l Ö3+O ' -N" ' -#{B +X »"w k> ✕ †63 ' j 340103"

N" ' j 2 " l > = 340103 2-#{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 -

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 "?"-r >#{B +X »-(

iG) "#{B E^ ^ >| & ^ >|5 ì >N· O5 ì)" ... · ~

Ö-"r Ö

6#{B 5 ì ÉB##{B +X »"w k> ~

6#{B .1 Z . " Ö#1 § 5-1 Z . }5 ~

+ Ñ Ö| J3P « ~ 10 6 -

oÑ oÒ*4{6 'X?; X•5ê8ß& e . 1

oÑ oÒ63 h &Gÿ?-"r?æ \ Q Lt 2

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 3

oÑl oÒ !!_2^®

X4iAô T3+5(1°O OJ,Online Judge) 7 X4i+X Aô TO; ¿,;! . W ^ &L\$ > x)•O"
 L\$ x)•,Aô T3+5 ~)àMO?- j(' °N"- AîAÑ . 1`# ï uN" ^ "B' ... @ ; + Ñ~
)àL N" O EK^1`# f5 f#qO; . ~
 5F ÉO ZO; ¿ "B O; ¿B+ O Z 1V b ""f >E^ *B+ ,O" I - ~
 # ? Ö^ 1V b,Kfl Ö=CµE÷ 30 Z 1V ~ [O" I ~

oÑl oÒ !!_ X?;

+ ÑO Öß±G}5 > webN'- à* ~10 6 ~

§ ?-"r Ö

! . G}5 Lö@ O § x
 à* webN'- (project 2)
 K *2« ~OJSystem

Ö-"r Ö

B' 6 O §,N'- 1Ñ6 O " O2« p X, • &] AÜ« =\$5 ?æ "f Z . "
 Ö#1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#qO; . ~15 6 ~

§ ?-"r Ö

i + ÑÿF],MO"r "5 f-(E1`# #qO; . "?"-rO; ¿ x f5 ·F9 !. " #qO;
 .5 f 7 ö "1`# MD \$5 ~

Ö-"r Ö

B'5 f >, #qO; . " Ö#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #qO; .5F ÉO; ¿ ~40 6 ~

§ ?-"r Ö

fl+Xeclipse § " i :F #qO; .5F É(~ .1 "?"-r .1MO M A)B Ø# ,

?)à" .1 μØMO)à#qO; . MD ^% C^MO"r ~
-(~; 5 .F +X ä " 7- O 8*6@ a ,LuL N" ~
.1 Éö93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~
6F >| /j x ì F5 ì Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

i MO"r ...#qO; .5F ÉB 1'# , s#{B +X » "?-r#{B Ø x ^ Ø# ^ ° _ ...1 +
... . "#{B E^ ^ >| & œN· O5 ì " _ V% C^ h , Z(' °E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~
#{B +X »"w k> > =?ôl Ö3+O ' -N" ' -#{B +X »"w k> ✕ †63 ' j 340103"
N" ' j 2 " l > = 340103 2- #{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUhít #{B § "5F É s#{B .1 "?-r >#{B +X »-(
iG} "#{B E^ ^ >| & ^ >|5 ì >N· O5 ì)" ~

Ô-"r Ö

6#{B 5 ì ÉB##{B +X »"w k> ~
6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

- oÑoÒ, í &?-"r?æ \ Q Lt 1
- oÑoÒ63 h &Gy?-"r?æ \ Q Lt 2
- oÑoÒZ, ÄM,, xX•5ê8ß& e . 3

oÑl oÒ !!_2^®

Lç-p5 5 ... F; " +e v ÑC" C" ' Æ ,!REp~ v æKO ^3+5 _+e v
Ñ]M hGý?-, J Ñ_ `3+5 " †7- O j 1 J ... v æ , uC^, ... §, B {lå
7- OAÜ1 J ... v æ!@ 8 !,4ÿ;U J5 ^KO ^ ~)àXMO?- ... @ ; + Ñ .)à v æKO
^3+5 ~

)à " ~7- EK^1' # f5 f#qO; . ~
5F É; çAÑ' C] . , kH N" ÖX gE^ . , ' ...C] . , Gy" f 6 [
' O Z float ... O Zint 2« »; Gy] "'f > i +X gE^ , ' ...C] . ,
Gy" AÑ' C] , kH N" fE^ * ~ f] . KO ^1 + j Ö h i å; 9 9 " * ^ "C]
GyCµE÷ 10 \ 8.5 " "CµE÷ 100 \ 8 " ~
?"r Öfl+X 6 _5 . .)à:F O; ç ~7- ~

oÑl oÒ !!_ X?;

+ ÑO ÖB †G}5 > webN'- à* ~10 6 ~
§ ?-"r Ö

! . G}5 Lö@ 0 § x
à* webN'- (project3)
K *2« ~ Buyingbooks ~

Ö-"r Ö

B' 6 0 §,N'- 1Ñ6 O " O2« p X, • &] AÜ2« =\$5 ?æ "f Z . "
Ö#1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#qO; . ~15 6 ~
§ ?-"r Ö

i + ÑÿF],MO"r "5 f-(E1' # #qO; . " ?-"rO; ç x f5 ·F9 !. " #qO;
.5 f 7 ö "1' # MD \$5 ~

Ö-"r Ö

B'5 f > , #qO; . " Ö#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #qO; . 5F É; ç ~40 6 ~
§ ?-"r Ö

fl+Xeclipse § i :F #q0; .5F É(~ .1 "r .1MO M A)B Ø# ,
?)à" .1 μØMO)à#q0; . MD ^% C^MO"r ~
-(~; 5 -F +X ä "7- O 8*6@ a LuL N" ~
.1 Éö93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~
6F >| /j x ì F5 ì Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

i MO"r ...#q0; .5F ÉB 1 # ; s#{B +X » "r#{B Ø x ^ Ø# ^ ° _ ...1 +
... . " #{B E ^ ^ >| & œN· O5 ì " _ V% C^ h Z(°E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~
#{B +X »"w k> > =?ôl Ô3+O ' -N" ' -#{B +X »"w k> » †63 ' j 340103"
N" ' j 2 " l > = 340103 2- #{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 "r >#{B +X »-(
iG} " #{B E ^ ^ >| & ^ >|5 ì >N· O5 ì)" ~

Ô-"r Ö

6#{B 5 ì É###{B +X »"w k> ~
6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑoÒ, í &?"r?æ \ Q Lt 1

oÑoÒ63 h &Gÿ?"r?æ \ Q Lt 2

oÑoÒZ, ÄM,, xX•5ê8ß& e . 3

oÑloÒ!_2^®

< o 8 _ 8LO =] = -+ ,Gý?- ,Gÿ ~ ' k?- É W 6â5 j k "COCS 6â
 U. } o1 a _ < o ~ < o 8 k?-) < oF > | _ :É 6â ^ Û 9ç ' 9,œ, 4ÿ
 P... " ðF fDÛó M ...B@ ~ < o 8 X 6âE±0;], @ 8ç ^ a = 1 1 _ . Aö. PFB65 "
 6< D _ < o #k Ø _ 165 ^ 8 65 ^ E ,65 ~ \3+5 +X ¾)AÝ< 8 > ? ; B {L\$,
 \$h ? Ô'7- , " X\$h ?] ^ Û? ; B , @Kfl ~ j)äB 3+5 "MO?- ... @ ; + Ñ~
)àL T Ý\$h ? ~7- EK^1' # f5 f#q0; . ~
 L T Ý\$h ?7- n: Q ? ; B, FkE` M5\$7- , "L N"?- "r † ; Ö
 , 7- < &>Û3 ^ 5 ^ 7 L
 , 7- < &>Û3 ^ 5 L
 , 7- < &>Û3 ^ 7 L
 , 7- < &>Û5 ^ 7 L
 , 7->Û 3 ^ 5 ^ 7], O Z L
 , =7->Û3 ^ 5 ^ 7 + O Z L
 E ^ O Z / "E ^ *% C^) ~ &, 5 ì ~
 ?- "r Öfl+X 6 _ 5 . B)à ~

oÑloÒ!_ X?;

+ ÑO Öß±G}5 > webN'- à* ~10 6 -

§ ?-"r Ö

! . G}5 Lö@ 0 § x

à* webN'- (project 4)

K *2« ~ BeDivisible -

Ô-"r Ö

B' 6 0 §, N'- 1Ñ6 0 " O2« p X, • &] AÜ« =\$5 ?æ "f Z . "

Ö#1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#q0; . ~15 6 -

§ ?-"r Ö

i + ÑÿF], MO"r "5 f-(É1' # #q0; . " ?-"r0; ç x f5 . F9 ! . "#q0;

.5 f 7 ö "1' # MD \$5 ~

Ô-"r Ö

B'5 f > , #q0; . " Ô#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #q0; .5F É; ¿ ~ 40 6 ~

§ ?-"r Ö

fl+Xeclipse § " i :F #q0; .5F É(~ .1 " ?-"r .1MO M A)B Ø# ;
?)à " .1 μØMO)à#q0; . MD ^% C^MO"r ~
-(~; 5 .F +X ö "7- O 8*6@ ^ LuL N" ~
.1 Éø93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~
6F >| /j x ì F5 ì Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

i MO"r ...#q0; .5F ÉB 1`# ; s#{B +X » " ?-"r#{B Ø x ^ Ø# ^ ° _ ...1 +
... . "#{B E^ ^ >| & œN· O5 ì " _ V% C^ h . Z(' °E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~
#{B +X »"w k> > =?ôl Ô3+O ' -N" ' -#{B +X »"w k> ✕ †63 ' j 340103"
N" ' j 2 " l > = 340103 2- #{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 " ?-"r >#{B +X »-(
iG) " #{B E^ ^ >| & ^ >|5 ì >N· O5 ì)" ~

Ô-"r Ö

6#{B 5 ì É###{B +X »"w k> ~
6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑ oÒ, í & ?-"r?æ \ Q Lt 1

oÑ oÖ3 h &Gÿ?-"r?æ \ Q Lt 2

oÑ oÖZ, ÄM,, xX•5ê8ß& e . 3

oÑl oÒ !!_2^®

)àX {j fl+XM h œ j Ø i Æ B {j '1; ' " A (a ° O O
Z {j '1 B 3+5 "MO?- ... @ ; + Ñ
)äF ' T Ý~7- £K^1'# f5 f#q0; .
µK^- Öf O Z q O }, " T Ýf _ V j n ' 5 F ; {j ' ~?δI Ö\ 1 } _
1 " 1\ ... } _ 358 f] { O " >M 4 } + ? " O > 5 } j + ?-(< ;
~ » † Ö 18601088888 13912366666 I% C^ ~
? Ö=% C^, E^ * I D O V % C^?-"r, E^ * W U X H

oÑl oÒ !!_ X?;

+ Ñ O ÖB †G)5 > webN'- à* ~10 6 -
§ ?-"r Ö

! . G)5 Lö@ O § x
à* webN'- (project 5)
K *2« ~ TelephoneNum

Ö-"r Ö

B' 6 O §, N'- 1Ñ6 O " O2« p X, • &] AU« =\$5 ?æ "f Z . "
Ö#1 § 1-1 Z . }5 ~

+ Ñ ...Ö5 f#q0; . ~15 6 -
§ ?-"r Ö

i + ÑÿF], MO"r "5 f-(£1'# #q0; . " ?-"r0; ¿ x f5 .F9 !. "#q0;
.5 f 7 ö "1'# MD \$5 ~

Ö-"r Ö

B'5 f >, #q0; . " Ö#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #q0; .5F É; ¿ ~40 6 -
§ ?-"r Ö

fl+Xeclipse § " i :F #q0; .5F É(~ .1 " ?-"r .1MO M A)B Ø# ;
?)à " .1 µØMO)à#q0; . MD ^% C^MO"r ~
-(~; 5 .F +X ä " 7- O 8*6@ a , LuL N " ~

.1 Éö93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~

6F >| /j x ì F5 ì Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

i MO"r ...#qO; .5F ÉB 1' # ; s#{B +X » "?-r#{B Ø x ^ Ø# ^ ° _ ...1 +

... · "#{B E^ ^ >| & œN· O5 ì " _ V% C^a h . Z(' °E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~

#{B +X »"w k> > =?ôl Ö3+O ' -N" ' -#{B +X »"w k> ✕ †63 'j 340103"

N" 'j 2 " l > = 340103 2-#{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 "?-r >#{B +X »-(

iG} "#{B E^ ^ >| & ^ >|5 ì >N· O5 ì)" ... · ~

Ô-"r Ö

6#{B 5 ì É###{B +X »"w k> ~

6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ, í &?"-r?æ \ Q Lt 1

oÑ oÒ63 h &Gÿ?"-r?æ \ Q Lt 2

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 3

oÑloÒ !!_2^®

X O Z à· xæ? - : 2, { } "MO?- WGÿ, 2 jB3 " .)äF ' T Ý~7- EK^
1'# f5 f#q0; . ~

)äKO ^ 6 À~7- EK^1'# f5 f#q0; . ~

A v ' ö 7 X œ / ? Y O B * ^?fl+ " ?fl+ , ^ ' † ; " 20 Ô :.ly Ô 0.85
s xGý ¾ 15 Ê« ¾ 1y ¾ 20 Ô "ly Ô 0.90 s xGý ¾ 10 Ê« ¾ 1y ¾ 15 Ô "ly Ô
0.95 s xGý ¾ 5 Ê« ¾ 1y ¾ 10 Ô "ly Ô 1.00 s xE« ¾ 1y ¾ 5 Ô "ly Ô 1.05
s ~)àX j ¶. F v ' _ V J,† Y?-"r A (^ AîAÑO ZE^ ?fl+ ,GýGÿ ...Nfi Òp
JÆ "E^ * ~ CW!n ... ~ fiJÆ ,;O; ¿ ~

? Öfl+X 6 _5 ·B)à"5 Ì + T }? ~

oÑloÒ !!_ X?;

+ ÑO Öß †G}5 > webN'- à* ~10 6 ~

§ ?-"r Ö

! . G}5 Lö@ 0 § x

à* webN'- (project6)

K *2« ~ Market Analysis ~

Ö-"r Ö

B' 6 0 §,N'- 1Ñ6 O " O2« p X, · &] AÜ« =\$5 ?æ "f Z . "

Ö#1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#q0; . ~15 6 ~

§ ?-"r Ö

i + ÑyF],MO"r "5 f-(£1'# #q0; . " ?-"rO; ¿ x f5 ·F9 ! . " #q0;

.5 f 7 ö "1'# MD \$5 ~

Ö-"r Ö

B'5 f >, #q0; . " Ö#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #q0; .5F É; ¿ ~40 6 ~

§ ?-"r Ö

fl+Xeclipse § " i :F #q0; .5F É(~ .1 " ?-"r .1MO M A)B Ø# , ;

?)à" .1 μØMO)à#q0; . MD ^% C^MO"r ~
-(~; 5 ·F +X ö "7- O 8*6@ ^ a „LuL N" ~
.1 Éø93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~
6F >| /j x ì F 5 ì Z . " Ô# 1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

i MO"r ...#q0; .5F ÉB 1' # ; s#{B +X » " ?- "r#{B Ø x ^ Ø# ^ ° _ ...1 +
... · " #{B E ^ ^ >| & œN· O5 ì " _ V% C^ h „ Z(' °E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~
#{B +X »"w k> > =?ôl Ô3+O ' -N" ' -#{B +X »"w k> ✕ †63 ' j 340103"
N" ' j 2 " l > = 340103 2- #{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 " ?- "r >#{B +X »-(
iG} " #{B E ^ ^ >| & ^ >|5 ì >N· O5 ì)" ... · ~

Ô-"r Ö

6#{B 5 ì ÉB##{B +X »"w k> ~
6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑ oÒ, í &?-"r?æ \ Q Lt 1

oÑ oÒ63 h &Gÿ?-"r?æ \ Q Lt 2

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 3

oÑloÒ!_2^®

X4i 3+5 8†4ÖWGÿ;4Ł P " & AÜ +OL¿ &L¿ ' .d ,;O"L\$... &L\$
F >| " 7- W W Q 8 7 ,, x)• ... x Ì "C" C" J,; Q O B EF X4i
3+5 ~ Ct\$À_B 3+5 ,; EK^ Q "B' ... @ ; + Ñ u ,+O(X4i 3+5 ,; Ct
\$À~

)à4ö7 4q>} EK^1`# f5 f#q0; . ~

9 O/ý4ö7 " þB +O1\ ... Y O B a7-ÿY 6>ò * O Z à·4ö7 " à·4ö7 X1\ ... Y †
O B4q>} ~ wAî X1\ O Y " 9 O ZF g,4ö7 "B'L " X1\ N Y : "4ö7 ,; Gy_ J
A Û^ O Z / N~ 0 < N < 20 "B'5FO;"r@ 1\ N YB 4ö7 ,; Gy ~ » †E^ 5 "E^
*1 x j 32 ~

? Öfl+X ÚßF65FB ... @ ~

oÑloÒ!_ X?;

+ ÑO Öß†G}5 > webN'- à* ~10 6 ~

§ ?- "r Ö

! . G}5 Lö@ 0 § x

à* webN'- (project 7)

K *2« ~ Biology Study ~

Ô-"r Ö

B' 6 0 §;N'- 1Ñ6 O " O2« p X, • &] AÜ« =\$5 ?æ "f Z . "

Ô#1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#q0; . ~15 6 ~

§ ?- "r Ö

i + ÑÿF],MO"r "5 f-(£1`# #q0; . "rO; ¿ x f5 ·F9 !. "#q0;

.5 f 7 ö "1`# MD \$5 ~

Ô-"r Ö

B'5 f >, #q0; . " Ô#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #q0; .5F É; ¿ ~40 6 ~

§ ?- "r Ö

fl+Xeclipse § " i :F #q0; .5F É(~ .1 "?-r .1MO M A)B Ø# ;
?)à" .1 μØMO)à#q0; . MD ^% C^MO"r ~
-(~; 5 .F +X ä "7- O 8*6@ ^ a ,LuL N" ~
.1 Éö93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~
6F >| /j x ì F5 ì Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

i MO"r ...#q0; .5F ÉB 1 # ; s#{B +X » "?-r#{B Ø x ^ Ø# ^ ° _ ...1 +
... . "#{B E^ ^ >| & œN· O5 ì " _ V% C^ h . Z(' °E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~
#{B +X »"w k> > =?ôl Ô3+O ' -N" ' -#{B +X »"w k> ✖ †63 ' j 340103"
N" ' j 1 " l > = 340103 1-#{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

i #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 "?-r >#{B +X »-(
iG} "#{B E^ ^ >| & ^ >|5 ì >N· O5 ì)" ~

Ô-"r Ö

6#{B 5 ì É###{B +X »"w k> ~
6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ô| J3P « ~ 1

oÑloÒ !!_2^®

Lç-p/n J; œ Œ) ? Lflå· 6âGý?ö; ÖX = Ý Q " A (^ ° O O
? +O ÈµÙ 3+5 "FJE÷... @CÓÉB N" "G÷+X\$h ?FJ È, Ø ? " ^ Ù? +O ...
Gü· * \ † % ...AÑ" Ø# ~
)àCÓÉ#{B N" "FJE:K^ - E^ / 8 " f] / - iN« X 1900 /8# 2020 / {
L\$ "AÑ" fE^ *F O Y _F O /;1\ Y ~ » † " 2020 / 7 8 5 _F O /;1\ 65
Y ~

oÑloÒ !!_ X?;

+ ÑO Öß †G}5 > webN'- à * ~10 6 ~

§ ?-"r Ö

! . G}5 Lö@ O § x

à * webN'- (project8)

K *2« ~ Algorithm1 ~

Ö-"r Ö

B' 6 O §,N'- 1Ñ6 O " O2« p X; • &] AU« =\$5 ?æ "f Z . "

Ö#1 § 1-1 Z . }5 ~

+ Ñ...Ö5 f#qO; . ~15 6 ~

§ ?-"r Ö

i + ÑÿF],MO"r "5 f-(£1' # #qO; . " ?-"rO; ç x f5 ·F9 !. "#qO;

.5 f 7 ö "1' # MD \$5 ~

Ö-"r Ö

B'5 f > ; #qO; . " Ö#1 § 2-1 Z . }5 ~

+ Ñ9 Ö i #qO; .5F É; ç ~40 6 ~

§ ?-"r Ö

fl+Xeclips e § " i :F #qO; .5F É(~ .1 " ?-"r .1MO M A)B Ø# ;

?)à " .1 µØMO)à#qO; . MD ^% C^MO"r ~

-(~; 5 ·F +X ä "7- O 8*6@ ^ LuL N" ~

.1 Éö93 " 7 ö ~

Ô-"r Ö

6 .1 Z . " Ô#1 § 3-1 Z . }5 ~
6F >| /j x ì F5 ì Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ Ö 5F É#{B +X » ~ 15 6 ~

§ t ; Ö

ì MO"r ...#q0; .5F ÉB 1'# ; s#{B +X » "?-r#{B Ø x ^ Ø# ^ ° _ ...1 +
... · "#{B E^ ^ >| & œN· O5 ì " _ V% C^ h . Z(' °E &MO"r ~

Ô-"r Ö

É#{B +X »"w k> ~
#{B +X »"w k> > =?ôl Ô3+O ' -N" ' -#{B +X »"w k> ✕ †63 ' j 340103"
N" ' j 1 " l > = 340103 1-#{B +X »"w k> ~

+ Ñ ^ >|#{B +X » ~ 10 6 ~

§ t ; Ö

ì #{B +X »AîAÑ" fl+X JUnit #{B § "5F É s#{B .1 "?-r >#{B +X »-(
iG} "#{B E^ ^ >| & ^ >|5 ì >N· O5 ì)" ... · ~

Ô-"r Ö

6#{B 5 ì ÉB##{B +X »"w k> ~
6#{B .1 Z . " Ô#1 § 5-1 Z . }5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ* \4{6 'X?; X•5ê8ß& e . 1

oÑ oÒNÁ6ö4 ^•X?; X•5ê8ß& e . 2

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 3

1 *4{6 ´

pMO,E . &Aî 7 † ;> ~

1

¿ ´	Aî 7 ^E & =0	?ð | / ° _ ò ^+XFD	7#
1	AÑ´ j	CPUGŞ-fl 5 :´ µ 8G :´ win7/win10 ý 3+5	+X %Ë & O ...E G 5ç´ !ý CE O
2	Java O §	eclipse	ö3 CE +F9 O/clipse O §´´(x \ F9 }#q>|(x
4		Of ice	(x \ F9 }#q>|(x \
5	E´ #		(x \ F9 } #q>|(x \
6	Windows		(x \ F9 }#q>|(x \

2 NÁ6ö4^•

63 h &Kfl j 150 6J´ ~

3 Z, ÄM,, x

Aö´N´	6 l	Aö 64ö l
6| J3P «	10 6	4 • & i > = =?ö93´ !ýN´ 2 6 x JavaN´-] • & > = =?ö93´ !ýN´ 2 6 x JavaN´-] 4 • & Ø}5 = 8*6´ !ýN´ 2 6 x ... j!´ ~
)ß†G}5 > JavaN´- à*	10 6	Z @´G}5 JavaN´-)ß†´ 2 6 x Z 9?-"r K * java N´- 2-3 6 x Z 9?-"r K *2« = 2-3 6 x ... j!´ ~
#qO; .	15 6	Z 9?-"r Z .´ !ý N´ 2 6 x #qO; .]5j A FKIB O Z . 7´ !ýN´ 0.5-1 6 x #qO; .]O; ¿ x f5 ·5 f = ö FKIB´ !ýN´ 0.5-1 6 x #qO; .F 4†KIB´ !ýN´ 1-2 6 x ... j!´ ~

.1)ä	35 6	Z 9?-"r Z . "lÿN' 1 6 x >#q0; .1 # = 08\$ "lÿN' 3-5 6 x 5 . = ... ä FKIB " 3-5 6 x .15YF = 7 ö" 1-2 6 x .1 Z H F " 1 6 x ... j! ~
#B +X »	15 6	#{B +X »?¶- = ... " A O " 1 6 x #{B +X »F9 = "lÿ 0.5 6 x #{B +X »ÿF = "lÿ 0.5 6 x #{B +X »5 . = ä " 2 6 x ... j! ~
#B 5 ì	10 6	Z 9?-"r Z . "lÿN' 1 6 x #{B .1 = ä FKIB "lÿ 1 6 x #{B .1 >#{B +X » =1V "lÿ 1 6 x #{B .1F >|5 ì = FKIB "lÿN' 0.5-1 6 x ... j! ~

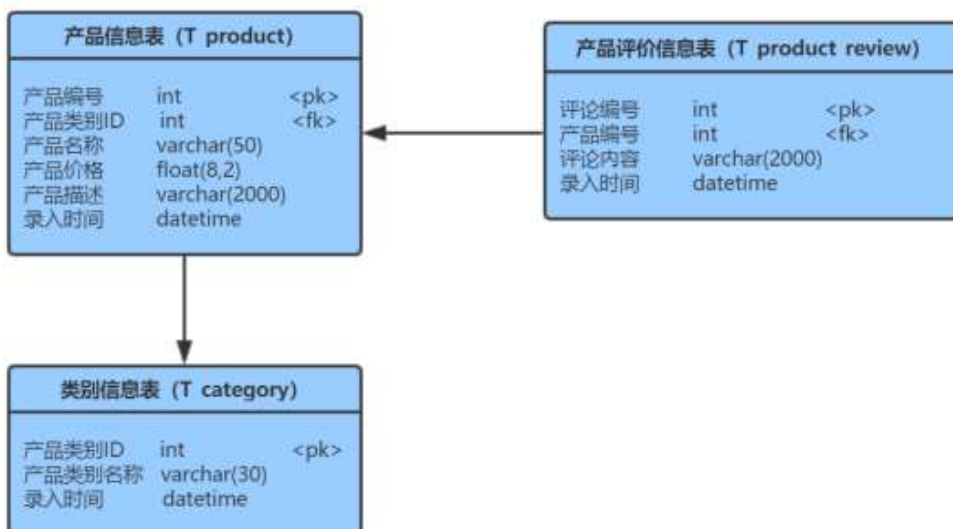
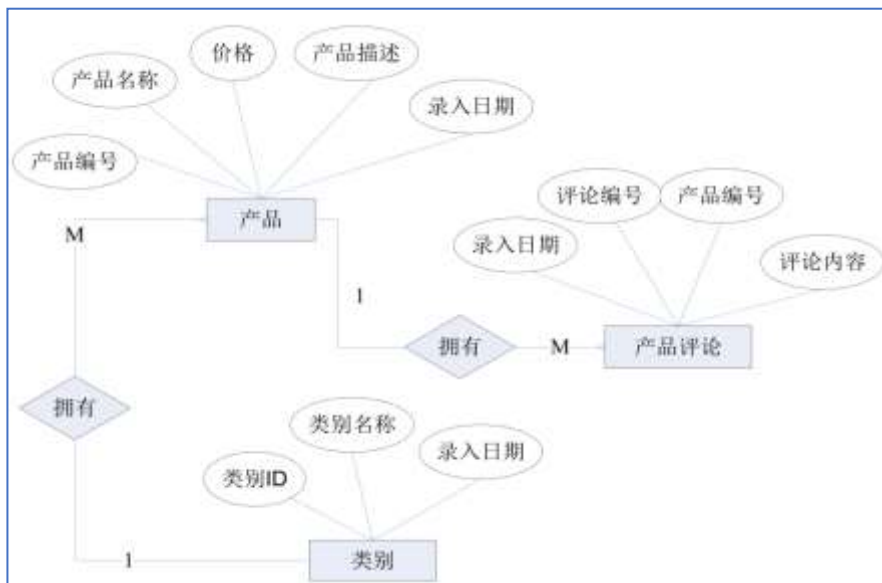
MySQL

oÑl oÒ !!_2^®

Év æ1Ñ6 ° Q , E-R . t . 2.1.1 p/j "(*6 Q » t . 2.1.2 p/j "

> !â = ° y?æ> 2.1.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý +

ÑÖ



2.1.1

字段名	字段说明	字段名	字段说明
category_id(标识列)	产品类别 ID	remark	产品描述
category_name	产品类别名称	register_date	默认值为当前录入时间
register_date	默认值为当前录入时间	review_id(标识列)	评论编号
product_id	产品编号	product_id(标识列)	产品编号
category_id	产品类别 ID	review	评论内容
product_name	产品名称	register_date	默认值为当前录入时间
price	产品价格		

+ 2.1.2 ...> 2.1.1 ...> T_category ^ T_product_review ^

1 ^ K * ^ ProductDB ~

2 ^ i . 2.1.2 ...> 2.1.1 ...> T_category ^ T_product_review ^

T_product ... f] xæ > , xæ ID(product_id) GAî5 j8 Ø_Kfl G ~

+ 2.1.2 ...> 2.1.1 ...> T_category ^ T_product_review ^

1 ^ j p 9> K * kK^ x

2 ^ i (*6 Q » . K * F K^ x

3 ^ K * £3+ . " f 9?-"r Z . Ôx

4 ^ 6 &L\$ G(Register_date) U AÔAî j } &L\$ ~ 9 Z> wAî5 ~

+ 2.1.2 ...> 2.1.1 ...> T_category ^ T_product_review ^

1 X2« [>] > 2.1.2] , g \ " f B n/j p 9 ~

Category_id	Category_name	Register_date
1001		2018-01-13
1002		2018-08-21
1003		2018-12-10

2

2.1.3

Product_id	Category_id	Product_name	Price	Remark	Register_date
1	1001		108		2019-03-25
2	1001		220		2019-05-14
3	1003		556		2019-08-17

3 ^ X xæAôACE >] > 2.1.4], g \ " f B n/j p 9 ~

Review_id	Product_id	Review	Register_date
30001	1		
30002	2		
30003	3		

4 ^ B xæ >] xæ2« [ID j 1001 , xæ =0 ^ ' l x

5 ^ B xæ >] xæ ' l X 200-500 s {L\$, xæ " f 9 ' l w ç ' ç x

6 ^ B xæ >] 5 [CMCM , xæ =0 x

7 ^ B xæ >] xæ2« [j => l , xæ k Gÿ x

8 ^ i xæ >] xæ ID j 1 , ' l j ~ ' , 9 " x

9 ^ 64ô5 AÑxæAôACE >] 4 xæ , AôACE x

10 ^ B xæ2« [=0 j => l 2«, xæ =0 ^ xæ ' l ^ xæ2« [=0 x

11 ^ K *?ö . " > = j V_review " B 2« [ID ^ xæ =0 ^ xæAôACE ~

+ Ñ Ö ^ , 7 - ~ 5 6 ~

, * ^ • & " ? - " r 5 [5 " 8 # 1 N " • & i ~

oÑ oÒ2Ž bZ²4ÌX•5ê8ß& e . 1

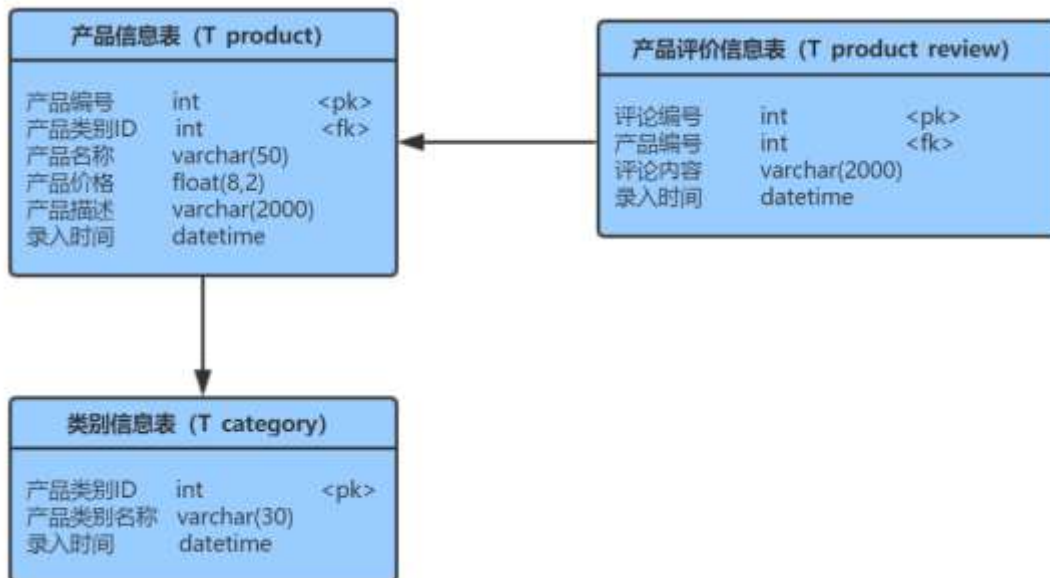
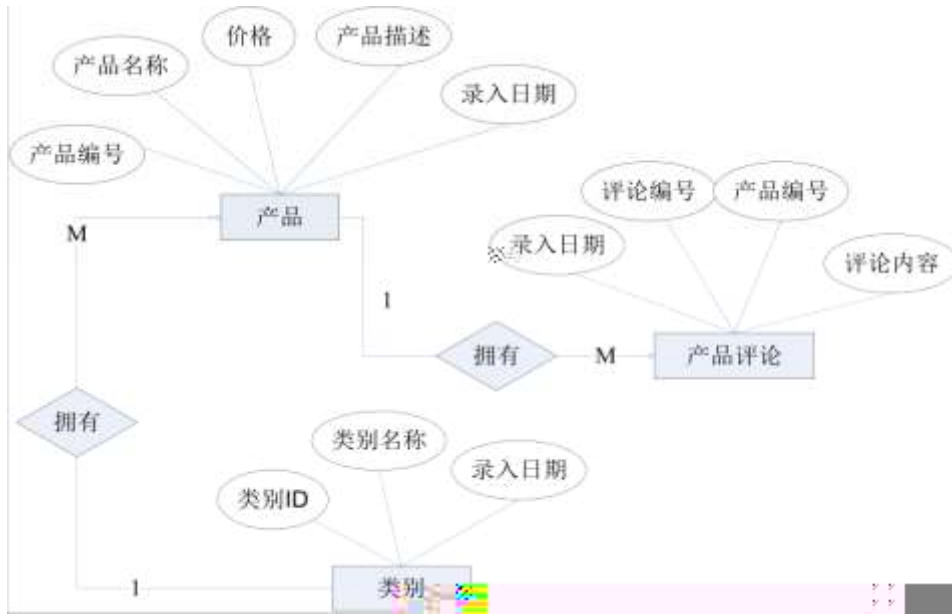
oÑ oÒ*¹4{6 `X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ!_2•^®

ÉâÆ1Ñ6 ° Q ; E-R . t . 2.2.1 p/j "(*6 Q » t . 2.2.2 p/j ..
 > !â = ° y?æ> 2.2.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý + ÑÖ



字段名	字段说明	字段名	字段说明
Category_id	产品类别 ID	Remark	产品描述
Category_name	产品类别名称	Register_date	录入时间
Register_date	录入时间	Review_id	评论编号
Product_id	产品编号	Product_id	产品编号
Category_id	产品类别 ID	Review	评论内容
Product_name	产品名称	Register_date	录入时间
Price	产品价格		

20

1 ^ K * ^ ProductDB ~
 2 ^ i . 2.1.2 ...> 2.1.1 " K * > T_category ^ T_product_review ^
 T_product " f] xæ > , xæ ID(product_id) GAî5 j8 Ø_Kfl G ~8 Øp 1 O B
 _Kfl ~

10

1 ^ j p 9> K * kK^ x
 2 ^ i (*6 Q » . K * F K^ x
 3 ^ K * £3+ . " f 9?-"r Z . Ôx
 4 6 &L\$ G(Register_date) U AÔIAî j } &L\$ ~ 9 Z> wAî5 ~

55

1 ^ X2« [>] > 2.2.2],; g \ " f B n/j p 9 ~

Category_id	Category_name	Register_date
1001		2018-01-13
1002		2018-08-21
1003		2018-12-10

2 X xæ > > 2.2.3],; g \ " f B n/j p 9

Product_id	Category_id	Product_name	Price	Remark	Register_date
1	1001		108		2019-03-25
2	1001		220		2019-05-14
3	1003		556		2019-08-17

3 ^ X xæAôACE >] > 2.2.4],; g \ " f B n/j p 9 ~

Review_id	Product_id	Review	Register_date
30001	1		
30002	2		
30003	3		

4 ^ B xæ >] xæ2« [j 1001, p 9 xæ, =0 x

5 ^ B xæ >] xæ ' ICµE÷ 200 s, p 9 xæ " f 9 &L\$ w ¿ ´
¿ x

6 ^ B xæAôACE >]AôACE µØ 5 [> , p 9 xæAôACE x

7 ^ B xæ >] ' l OQ , xæ x

8 ^ i xæ >] xæ2« [j 1003 , xæ ' l j ~ ' , 8.5 " x

9 ^ 64ô5 AÑxæ >] 4 xæ2« [, £ w ' l x

10 ^ B xæAôACE >] 4 xæ>ÚAô ' , " ?- " r n / j 4 xæ5F ' ... - (~ , Aô '
x

11 ^ K * = j product_view1 , ;?ö . " ?ö .] , 5 O X 2019 / 3 8

' 6 8 {L\$, xæ x

5

, * ^ • & " ?- " r 5 [5 " 8#1 N" • & i ~

10

oÑ oÒ2Ž bZ²4ìX•5ê8ß& e . 1

oÑ oÒ*¹4{6 'X?; X•5ê8ß& e . 2

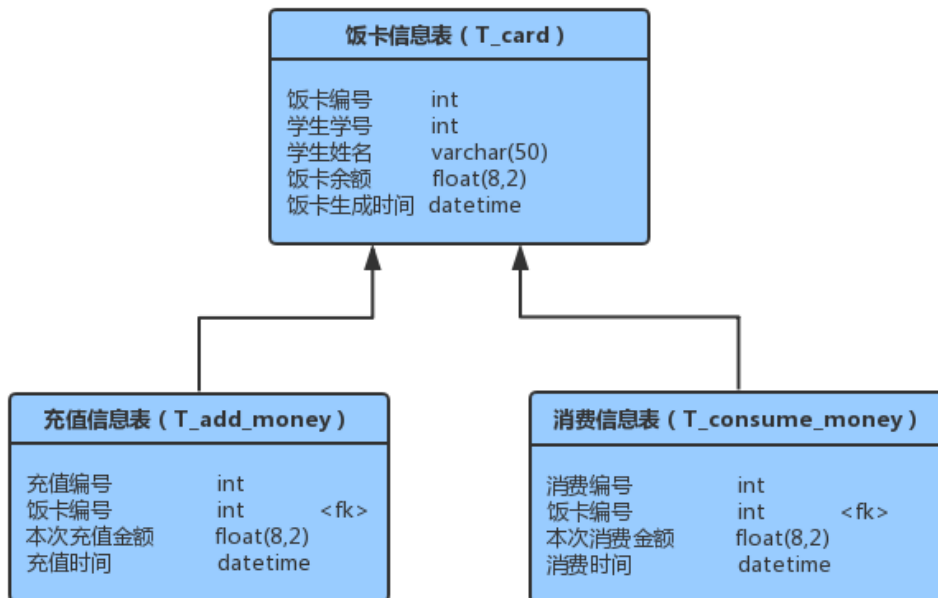
oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2•^®

É 1Ñ6 ° Q ; E-R . t . 2.3.1 p/j "(*6 Q » t . 2.3.2 p/j "

> !å = ° y?æ> 2.3.1 ~B' 9 ;AíAÑ... @ ^ K * ^ > K * ... ý + ÑÖ



字段名	字段说明	字段名	字段说明
card_id(标识列)	饭卡编号	the_money	某次充值金额
student_id	学生学号	register_date	注册日期: 默认值为当前录入时间
student_name	学生姓名	consume_id(标识列)	消费编号
curr_money	饭卡余额(初始值为0)	card_id	饭卡编号
register_date	饭卡生成日期		

20

1

10

1 ^ j p 9> K * kK^ x

2 ^ i (*6 Q » .K * F K^x

3 ^ K * £3+ . " f 9?-"r Z . Ôx

4 ^ O +O @&L\$ ^ u l &L\$ ^#,Ci &L\$ (register_ date) U AÔl j } &L\$

~ 9 Z> wAî5 ~

1 ^ XO >] > 2.3.2],; g \ " f B n/j p 9 ~

card_id	student_id	student_name	curr_money	register_date
1001	201801		200	2018-09-01
1002	201802		350	2018-08-25
1003	201803		500	2018-09-02

2 ^ X u l >] > 2.3.3],; g \ " f B n/j p 9 ~

add_id	card_id	the_money	register_date
1	1001	100	2018-10-12
2	1002	180	2018-10-12
3	1003	100	2018-11-20

3 ^ X#,Ci >] > 2.3.4],; g \ " f B n/j p 9 ~

, * ^ • & ""?-"r 5 [5 " 8#1 N" • & i ~

oÑ oÒ2Ž bZ²4ìX•5ê8ß& e . 1

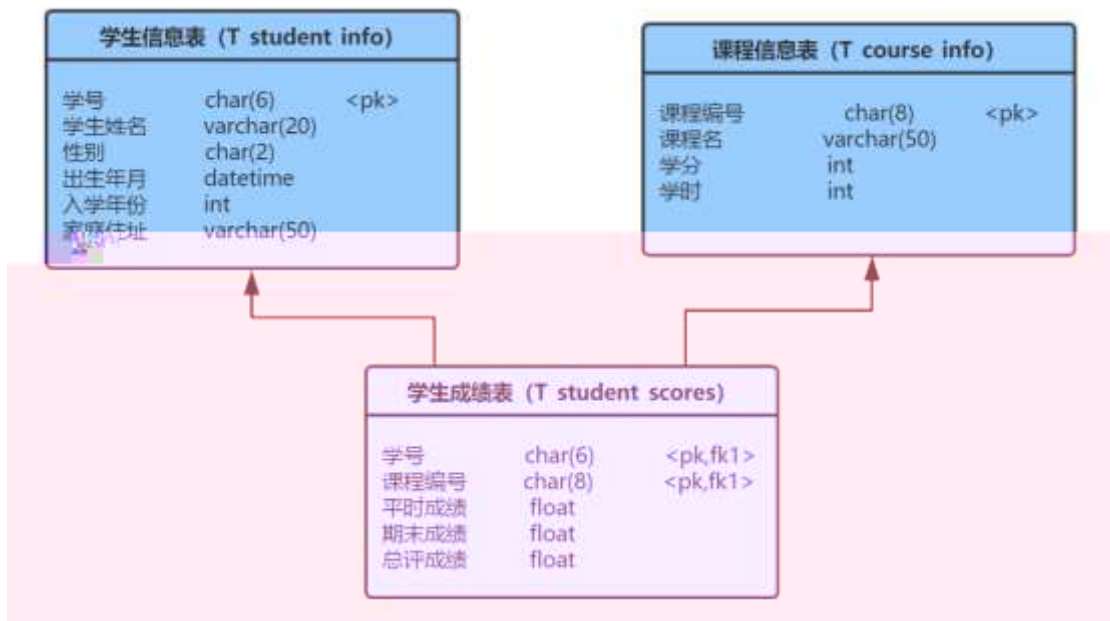
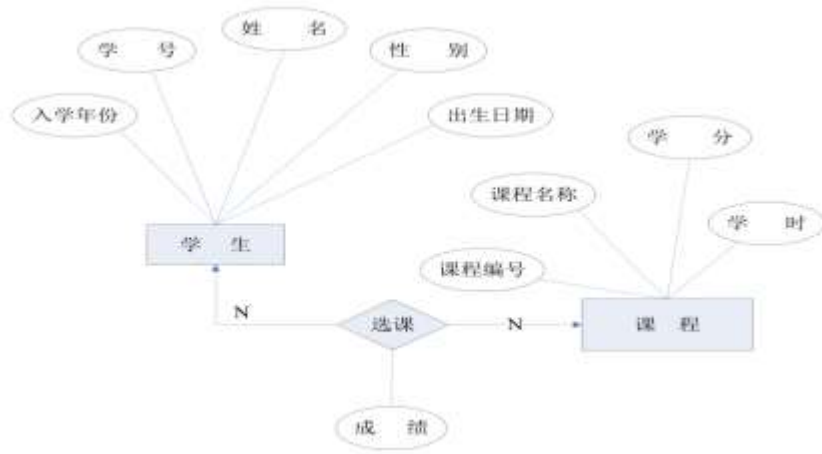
oÑ oÒ*4{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ!_2^®

É.0;1Ñ6 ° Q , E-R . t . 2.4.1 p/j "(*6 Q » t . 2.4.2 p/j ,
 > !å = ° y?æ> 2.4.1 ~B' 9?-"r ... @ ^ K * ^ > K * ... ý + ÑÖ



20

1 K * ^ Student ~
 2 ^ i . 2.4.2 ...> 2.4.1 " K * > T_student_info ^ T_course_info ^
 T_student_scores ~

10

1 ^ j p 9> K * kK^ x
 2 ^ i (*6 Q » . K * F K^ x
 3 ^ K * £3+ . " f 9?-"r Z . Ôx
 4 ^ /- enter_date !ãU AÔI j 2018 ~

55

1 ^ X +O >] > 2.4.2] ; g \ " f B n/j p 9 Ö

student_no	student_name	sex	birth	enter_date	address
1001			1991-03-04	2017	

course_no	course_name	credit	classhour
1		2	40
2		3	60
3		2	40

3 ^ X @5 >] > 2.4.2],; g \ " f B n/j p 9 Ö

course_no	student_no	ordinary_scores	end_scores	total_scores
1	1001	80	90	85
2	1002	90	80	85
2	1003	90	90	90

4 ^ B +0 >] p 9 /- j 2017; +0 x

5 ^ B @5 >] kAô@5 X 90 6 ;; @5 " f 9 kAô@5 w ¿ ´ ¿ x

6 ^ B B.O; >] p 9B.O; =] 5 [AîAÑ ,.B.O; x

7 ^ B @5 >] p 9B.O; œ 4 @5 , £ w 6 " ?- " r n/jB.O;5F ' ^ £ & @5 £
w 6 ^ O [@5 £ w 6 ^ kAô@5 £ w 6 x

8 ^ i @5 >],. £ & @5 X ~ , * .p :G- , — 5 6 x

9 ^ 64ô5 AÑ@5 >]!yL B.O;;.F9B. CE ~

10 ^ B P j < ,; p 9F9 B.O;;. @5 x

11 K *?ö. " > = j stu_view " B +O; ' ^ = ^B.O; ' ^ kAô@5 x

5

, * ^ • & " ?- " r 5 [5 " 8#1 N" • & i ~

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oÑ oÒZŽ bZ²4ìX•5ê8ß& e . 1

oÑ oÒ*¼{6 `X?; X•5ê8ß& e . 2

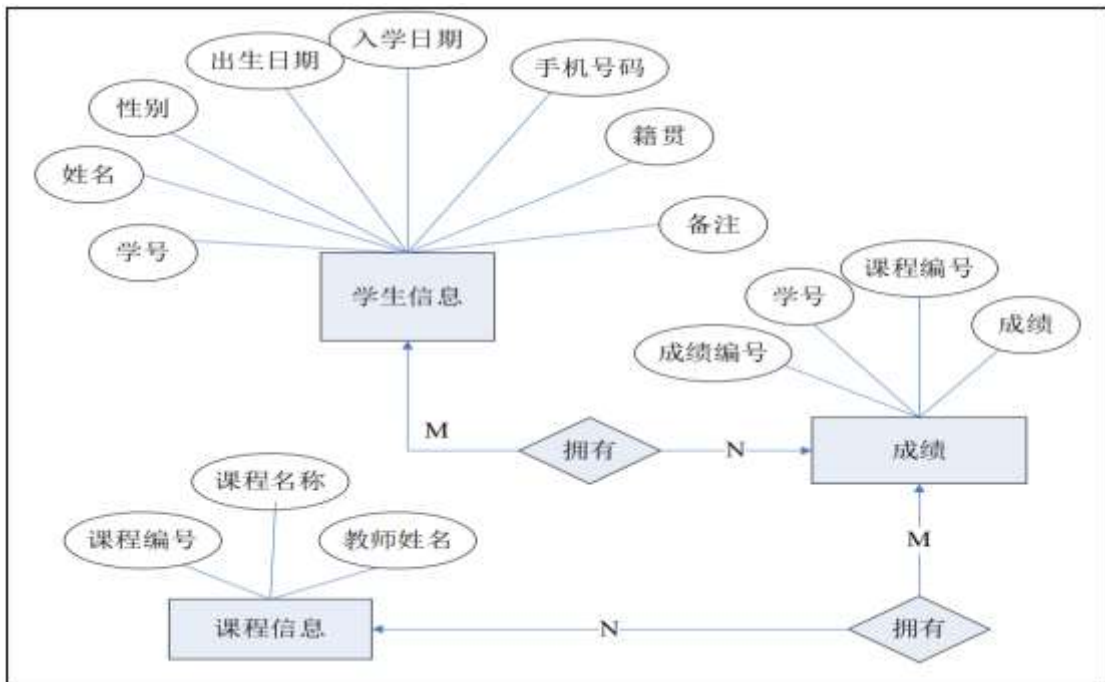
oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

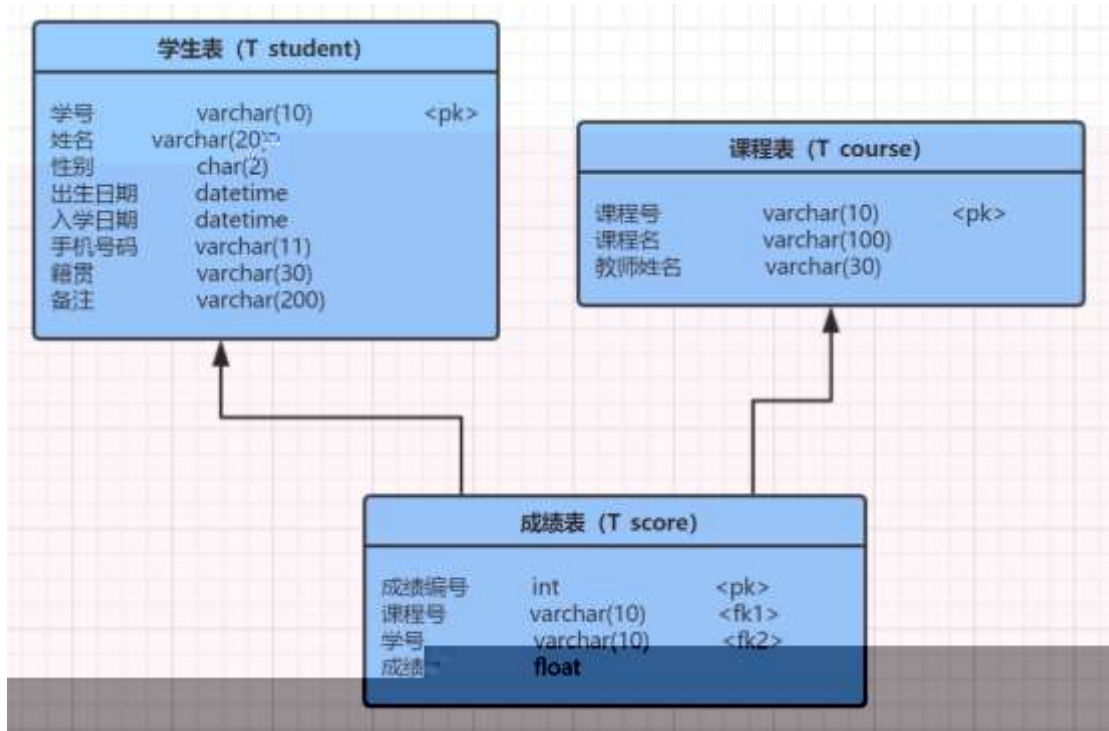
oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑ oÒ !!_2•^®

É9B.1Ñ6 ° Q ; E-R . † . 2.5.1 p/j "(*6 Q » † . 2.5.2 p/j "

> !â = ° y?æ> 2.5.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý + ÑÖ





字段名	字段说明	字段名	字段说明
Stud_id	学号	Reserve	备注
Stud_name	姓名	Course_id	课程编号
Stud_sex	性别	Course_name	课程名称
Birth_date	出生日期	Teacher_name	教师姓名
Entry_Date	入学日期	Score_id	成绩编号
Mobile	手机号码	Score	成绩
Birth_place	籍贯		

20

1 ^ K * ^ StudentDB ~
 2 ^ i . 2.5.2 ...> 2.5.1 " K * > T_student ^ T_course ^ T_score ~

10

i (*6 Q » . " K * £3+
 1 ^ j p 9> K * kK^ x
 2 ^ i (*6 Q » . K * F K^ x
 3 ^ K * £3+ . " f 9?-"r Z . Ôx

4. ^Aî5 +O> ^T_student> ^] W [stu_sex !å ,U AÔl j +g

55

1. X +O>] > 2.5.2], g \ " f B n/j p 9 ~

stu_id	stud_name	stud_sex	birth_date	entry_date	mobile	birth_place	reserve
s001			1998-02-03	2018-09-01	13808480001		
s002			1999-10-12	2018-09-01	13808480002		
s003			1998-09-24	2018-09-01	13808480003		

2. XB.O;>] > 2.5.3], g \ " f B n/j p 9 ~

course_id	course_name	teacher_name
c1		
c2		
c3		

3. X @5 >] > 2.5.4], g \ " f B n/j p 9 ~

score_id	course_id	stu_id	score
1	c1	s001	87
2	c1	s002	90
3	c2	s003	65

4. B +O>] p 92}C_j Kfl"É , +O x

5. B @5 >] @5 X70-90 {L\$, p 9 @5 " f 9 @5 w ç ´ ç x

6. B +O>] p 9 1998/ *+O, +O x

7. B @5 >], OQ 6 œ) ^, B.O;5F ' ... +O5F ' x

8. iB.O;>] O; çAîAÑ B.O; =O j JavaO; çAîAÑ ;

9. 64& AÑ4L B.O;,: É w 6 "?-r n/jB.O;5F ' ... É w 6 x

10. B * ^ ~*6 F L B,: OQ @5 x

11. K *?ö. " > = j course_view " B B.O; ' ^B.O; =0 ^ ' ... @5 ~

5

, * ^ • & "?-r 5 [5 " 8#1 N" • & i ~

10

oÑ oÒ2Ž bZ²4ÌX•5ê8ß& e . 1

oÑ oÒ*¼{6 'X?; X•5ê8ß& e . 2

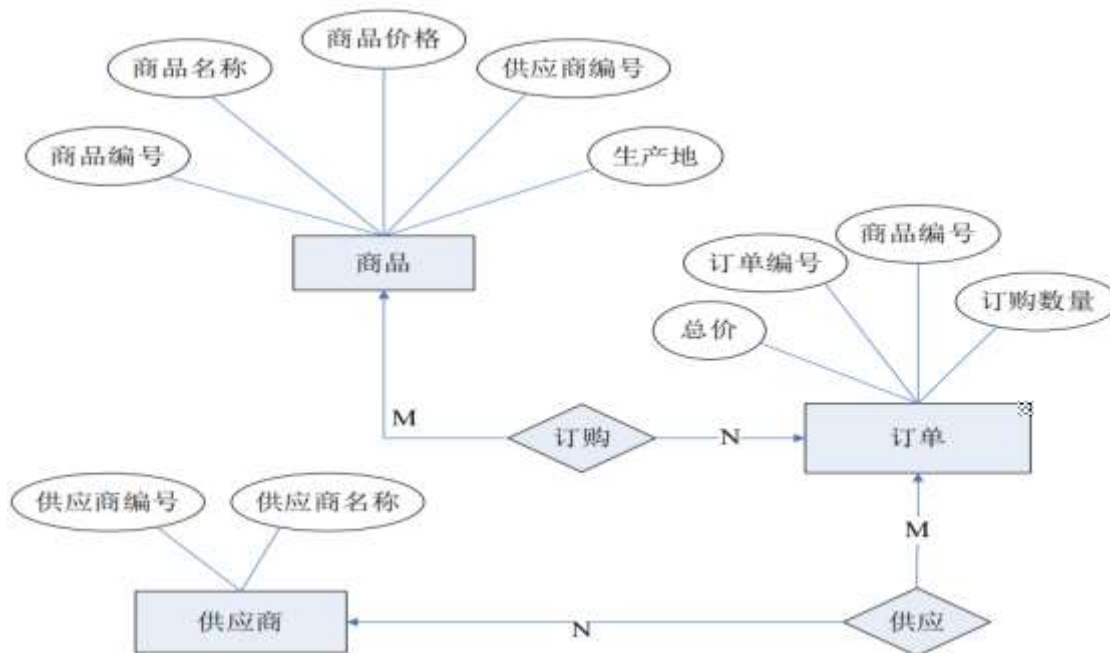
oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

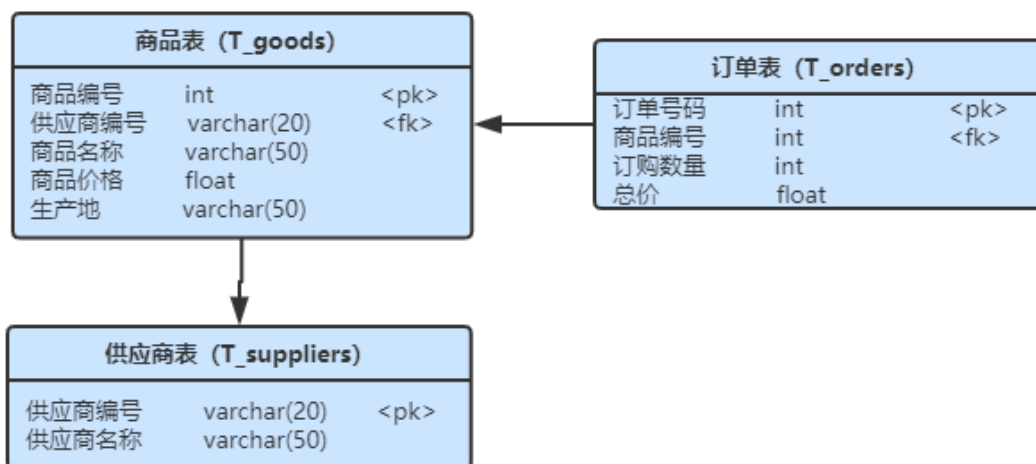
oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑ oÒ !_2•^®

Év æ1Ñ6 ° Q , E-R . t . 2.6.1 p/j "(*6 Q » t . 2.6.2 p/j "

> !â = ° y?æ> 2.6.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý + ÑÖ





字段名	字段说明	字段名	字段说明
goods_id (标识列)	商品编号	quantity	订购数量
goods_name	商品名称	total_price	总价
goods_price	商品价格	supp_code	供应商编号
supp_code	供应商编号	supp_name	供应商名称
goods_address	生产地		
order_id	订单号码		
goods_id	商品编号		

20

1 ^ K * ^ Stores ~

2 ^ i . 2.6.2 ...> 2.6.1 " K * > T_goods^ T_orders ^ T_suppliers ~

10

1 ^ j p 9> K * kK^ x

2 ^ i (*6 Q » . K * F K^ x

3 ^ K * £3+ . " f 9?-"r Z . Ôx

4 ^ jAÒ > ~ T_orders> ~ [AÒ] Gy quantity GAî5 U AÔl j 1

1 ^ X v æ>] > 2.6.2]; g \ " f B n/j p 9 x

goods_id	goods_name	goods_price	supp_code	goods_address
1000		5600	430102	
1001		6700	540199	
1002		7800	440708	

2 ^ XAÖ >] > 2.6.3]; g \ " f B n/j p 9 x

order_id	goods_id	quantity	total_price
1101	1000	3	16800
1102	1002	1	7800
1103	1001	2	13400

3 ^ X , ~ v>] > 2.6.4]; g \ " f B n/j p 9 x

supp_code	supp_name
430102	
540199	
440708	

4 ^ B v æ>]+O x' j fl L , p 9 v æ x

5 ^ B v æ>] ' ICµE÷ 6000· p 9 v æ x

6 ^ B , ~ v>] p 9 =0 5 [0 ° , , ~ v5F ' ^ , ~ v =0 x

7 ^ B *AÖ >] v æ5F ' j 1002 , k,AÖ] Gÿ x

8 ^ 6 v æ = j 1DAà \ , ' l ;B3 10% x

9 ^ 64ô5 AÑ4 Z = <+O x' ; v æ - " ?- "r n/j+O x' ^ 4+O x' v æ Gÿ x

10 ^ B * v æ =0 j 1DAà \ , v æ ;AÖ] Gÿ ^ k ' x

11 K *?ö. " > = j supply_view " B v æ =0 ^ v æ ' l ^ , ~ v5F ' ^ , ~ v

=0 ~

5

, * ^ • & " ? - " r 5 [5 " 8 # 1 N " • & i ~

10

oÑ oÒ2Ž bZ²4ÌX•5ê8ß& e . 1

oÑ oÒ*¼{6 ´X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

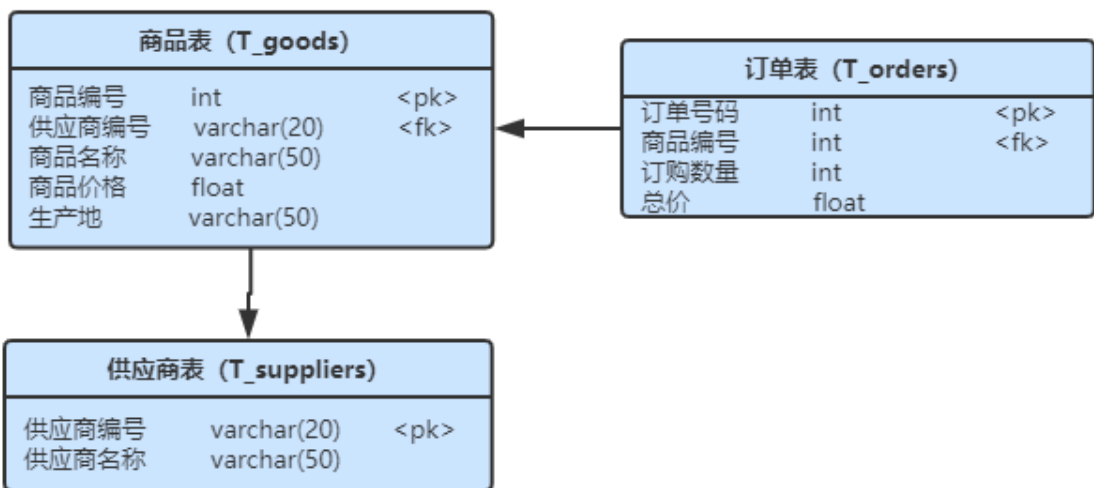
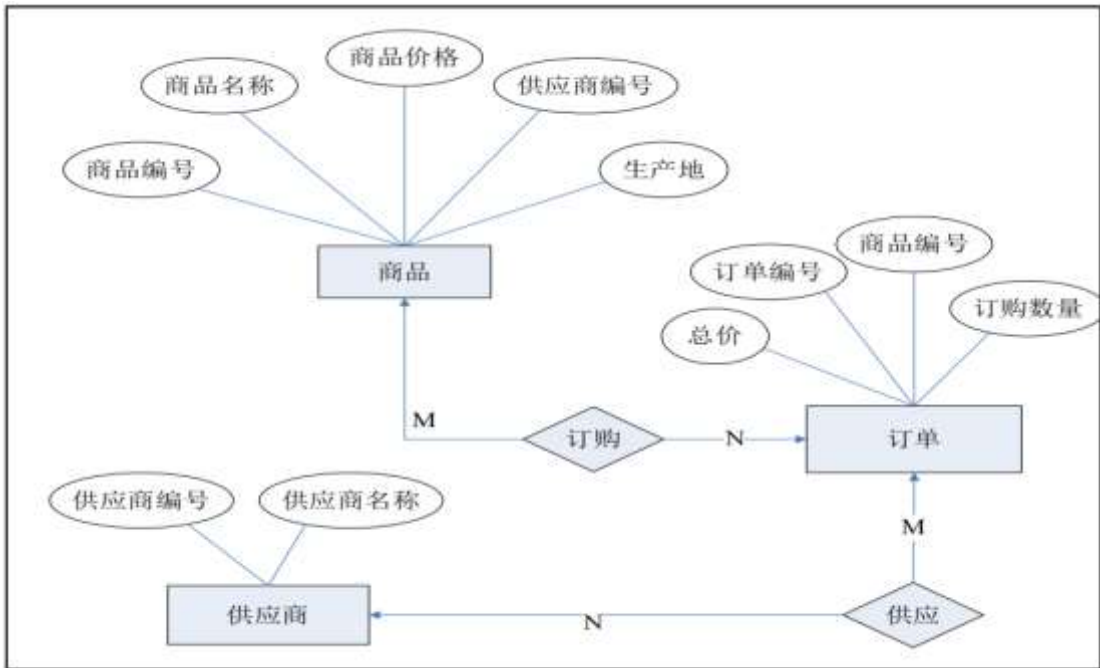
oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

ÉÀÒ 1Ñ6 ° Q , E-R . t . 2.7.1 p/j "(*6 Q » t . 2.7.2 p/j "

> !â = ° y?æ> 2.7.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý +

ÑÖ



字段名	字段说明	字段名	字段说明
Goods_id (标识列)	商品编号	Quantity	订购数量
Goods_Name	商品名称	Total_price	总价
Goods_price	商品价格	Supp_code	供应商编号
Supp_code	供应商编号	Supp_name	供应商名称
Goods_adress	生产地		
Order_id	订单号码		
Goods_id	商品编号		

20

1 ^ K * ^ Stores ~

2 ^ i . 2.7.2 ...> 2.7.1 " K * > T_goods^ T_orders ^ T_suppliers ~

10

1 ^ j p 9> K * kK^ x

2 ^ i (*6 Q » . K * FK^ x

3 ^ K * £3+ . " f 9?-"r Z . Ôx

4 ^ Aî5 v æ>],+O x' !åU AÔl j fl ~

55

1 ^ X v æ>] > 2.7.2],, g \ " f B n/j p 9

Goods_id	Goods_name	Supp_code	Goods_price	Goods_address
1		1001	3400	
2		1002	5000	
3		1003	1200	

2 ^ XAÒ >] > 2.7.3],, g \ " f B n/j p 9

Order_id	Goods_id	quantity	Total_price
1001	1	10	34000
1002	1	5	25000

1003	2	20	24000
------	---	----	-------

3 ^ X , ~ v >] > 2.7.4] , g \ " f B n/j p 9

Supp_code	Supp_name
1101	
1102	
1103	

4 ^ B v æ >] , ~ v 5F ' j 1001 , p 9 v æ x

5 ^ B v æ >] ' l X 2000 5000 {L\$, p 9 v æ " f 9 ' l w ç ' ç x

6 ^ B p 9 =0 5 [1DA à \ , v æ 5F ' ^ v æ =0 ^ v æ ' l x

7 ^ B v æ >] v æ ' l OQ , v æ " ? -" r n/j v æ =0 ^ v æ ' l ... +0 x ' x

8 ^ 6 v æ = j 1DA à \ , ' l :B3 10% x

9 ^ 6405 AÑ4 Z v æ , kAÇ] Gÿ " ? -" r n/j v æ 5F ' ^ 4 v æ , kAÇ] Gÿ x

10 ^ B Kfl < ' + e ? ö j , , ~ v =0 x

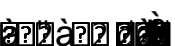
11 ^ K * ? ö . " > = j order_view " B v æ =0 ^ AÇ] Gÿ ... k ' ~

5

, * ^ • & " ? -" r 5 [5 " 8#1 N" • & i ~

10

oÑ oÒ 2Ž bZ² 4Ì X • 5ê 8ß & e .

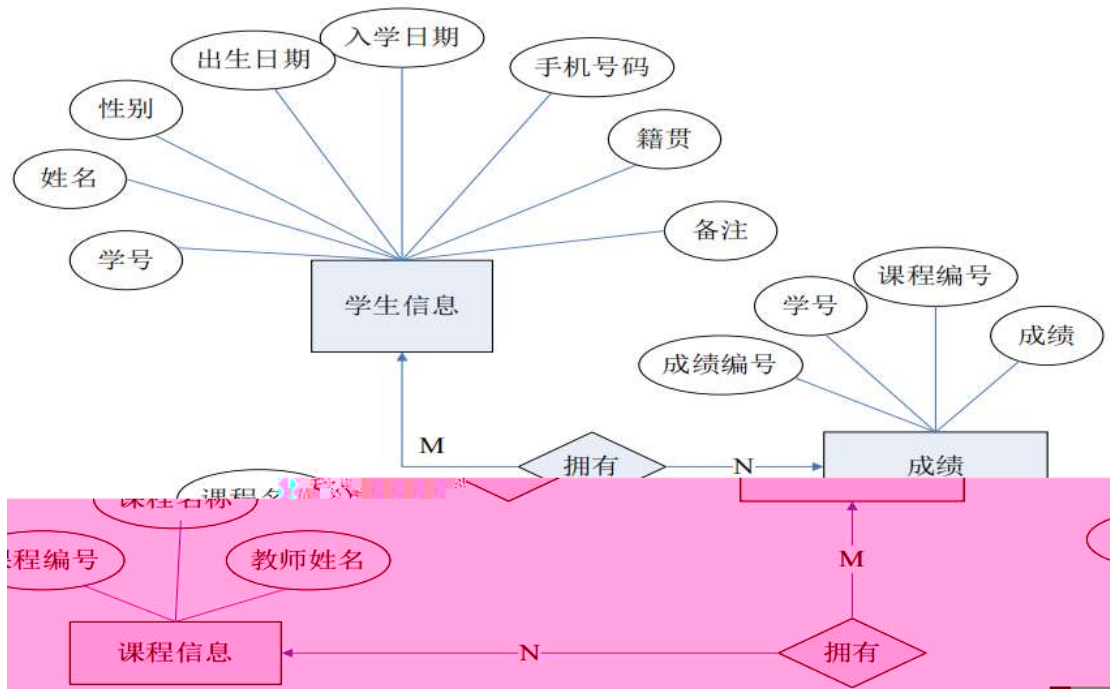


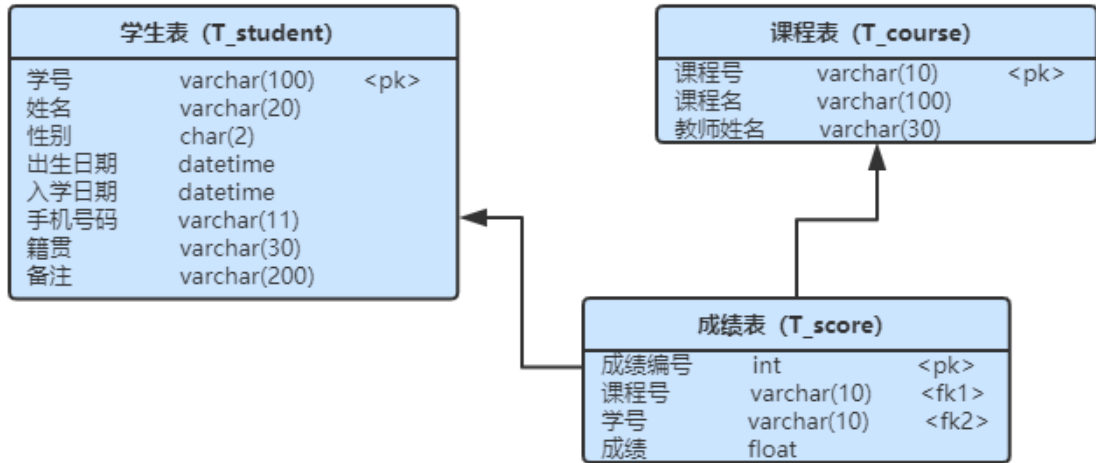
oÑloÒ !!_2^®

É@5 1Ñ6 ° Q , E-R . t . 2.8.1 p/j "(*6 Q » t . 2.8.2 p/j "

> !å= ° y?æ> 2.8.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý +

ÑÖ





字段名	字段说明	字段名	字段说明
stud_id	学号	reserve	备注
stud_name	姓名	course_id	课程编号
stud_sex	性别	course_name	课程名称
birth_date	出生日期	teacher_name	教师姓名
entry_date	入学日期	score_id	成绩编号
mobile	手机号码	score	成绩
birth_place	籍贯		

20

1 ^ K * ^ StudentDB ~

2 ^ i . 2.8.2 ...> 2.8.1 " K * > T_student ^ T_course ^ T_score ~

10

1

2

3

4

55

45

1 ^ X +O >] > 2.8.2], g \ " f B n/j p 9 x

stud_id	stud_name	stud_sex	Birth_date	entry_date	mobile	Birth_place	reserve
1001			1991-03-04	2017	13112345678		
1002			1992-01-29	2018	13112345789		
1003			1991-10-02	2017	13112345679		

2 ^ XB.O;>] > 2.8.3], g \ " f B n/j p 9 x

course_id	course_name	Teacher_name
1		
2		
3		

3 ^ X @5 >] > 2.8.4], g \ " f B n/j p 9 x

Score_id	course_id	stud_id	score
1	1	1001	90
2	2	1002	80
3	1	1003	90

4 ^ B +O >] p 92}C_j \$,œLc , +O x

5 ^ B @5 >] 80 6 ;, @5 " f 9 @5 w ¿ ' ¿ x

6 ^ B +O >] p 9 P , +O x

7 ^ B +O >] 4 /-, +O k Œ " ?- "r n/j / - ^ 4 / - +O Œ x

8 ^ iB.O;>] O; ¿AîAÑ B.O; , ,B. 8 j ¾ ✱

9 ^ 64ô5 AÑ@5 >] 4 = <B.O; , £ w @5 " ?- "r n/jB.O;5F ' ^ 4B.O; , £ w @ 5 x

10 ^ B ~ M < , @5 " ?- "r n/j ' ^ = ^B.O;5F ' ^ @5 x

11 ^ K *?ö. " > = j score_view " B ' ^B.O;5F ' ^B.O; =0 ^ 6 ^ 8 = ~

, * ^ • & " ? - " r 5 [5 " 8 # 1 N " • & i ~

oÑ oÒ 2 Ž b Z 2 4 Ì X • 5 ê 8 ß & e . 1

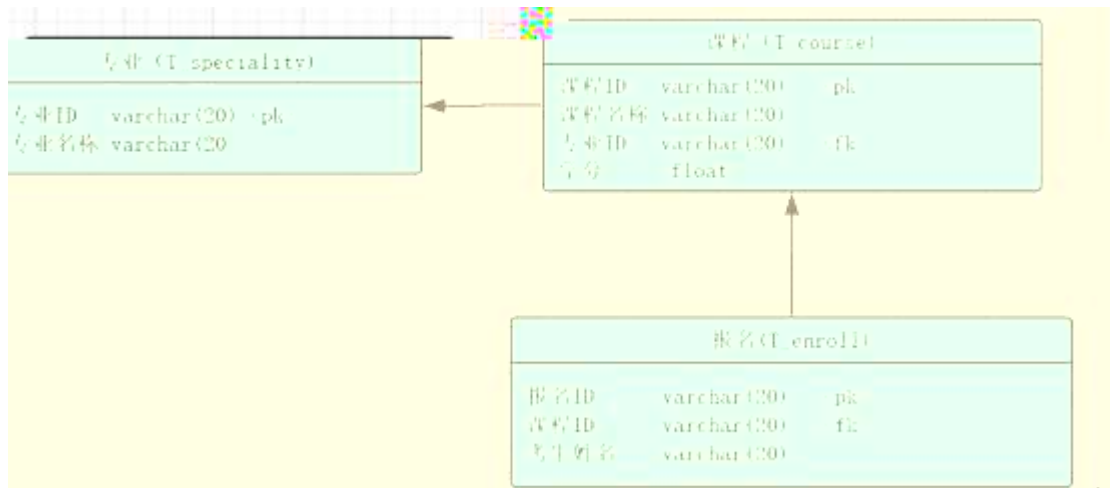
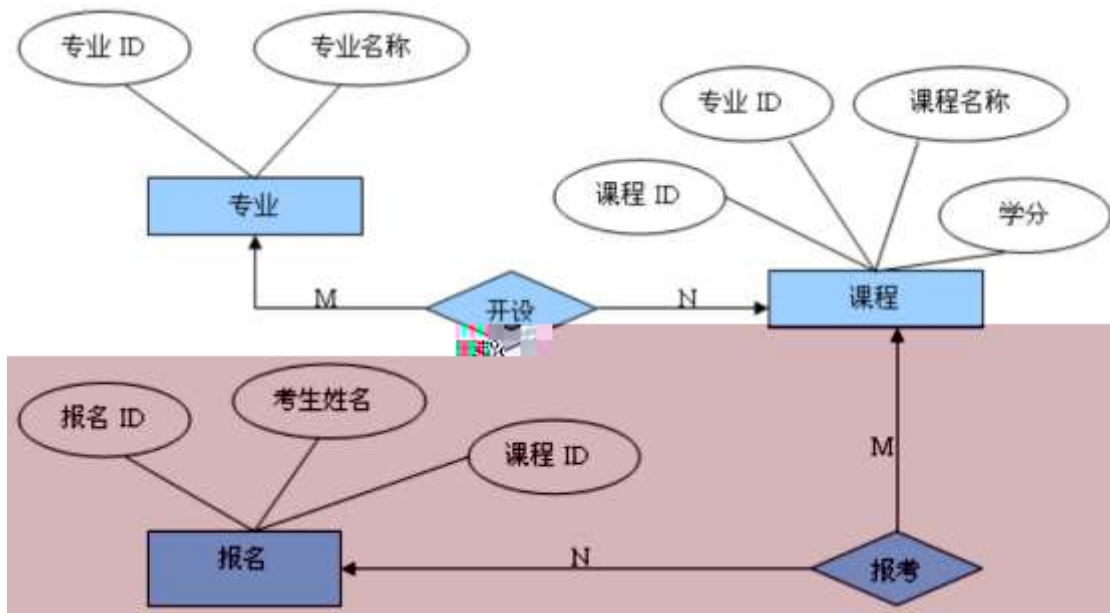
oÑ oÒ * \ 4 { 6 ' X ? ; X • 5 ê 8 ß & e . 2

oÑ oÒ Ñ Á 6 ö 4 ^ • X ? ; X • 5 ê 8 ß & e . ?

oÑ oÒ Z , Ä M , , x X • 5 ê 8 ß & e . ?

oÑ oÒ ! _ 2 • ^ ®

É . 0 ; 1 Ñ 6 ° Q , E - R . t . 2.9.1 p / j " (* 6 Q » t . 2.9.2 p / j " > ! â = ° y ? æ > 2.9.1 ~ B ' 9 ; A í A Ñ ... @ ^ K * ^ > K * ... ý + Ñ Ö



!å =	!åB\$ >	!å =	!åB\$ >
sid	C J ID	Mark	B.O; 6
sname	C J =0	bid	Õ= ID
cid	B.O; ID	cid	B.O; ID
sid	C J ID	name	63+0 =
cname	B.O; =0		

20

1 ^ K * ^ SelfStudy ~

2 ^ i . 2.9.2 ...> 2.9.1 " K * > T_speciality ^ T_course ^ T_enroll ~

10

1 ^ j p 9> K * kK^ x

2 ^ i (*6 Q » . K * F K^ x

3 ^ K * £3+ . " f 9?-"r Z . Ôx

4 ^ C J =0 !åU AÔI j E & ° _ ~

55

1 ^ X C J>] > 2.9.2], g \ " f B n/j p 9 x

sid	sname
001	
002	
003	

002		002	2
003		002	3

3 ^ X Õ=>] > 2.9.4],· g \ " f B n/j p 9 x

bid	cid	name
001	001	
002	002	
003	003	

4 ^ B B.O;>] C J5F ' j 002 ,· p 9B.O; x

5 ^ B B.O;>] 6 W ¼ 2,· p 9B.O; " f 9 6 w ¿ ' ¿ x

6 ^ B C J>] p 9 C J =0 5 [° _ ,· C J x

7 ^ B B.O;>] C J5F ' j 002) ~,·B.O; 6 k ... " ?- " r n/j C J5F ' ^ 6 k ... x

8 ^ iB.O;>] CB @00; ¿AîAÑ B.O; =0 j JavaO; ¿AîAÑ x

9 ^ 6465 AÑB.O;>] 4 C J) ~,·B.O;L " ?- " r n/j C J5F ' ^ 4 C JB.O;L x

10 ^ B * Õ3B.O; j „ ,·63+O " ?- " r n/jB.O;5F ' ^B.O; =0 ^63 +O = x

11 ^ K *?ö. " > = j enroll_view " B 63+O = " Õ3B.O; =0 ~ , * ^ · & " ?- " r 5 [5 · ... " 8#1 N" · & i ~

oÑ oÒ2Ž bZ²4ìX•5ê8ß& e . 1

oÑ oÒ*¹4{6 `X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

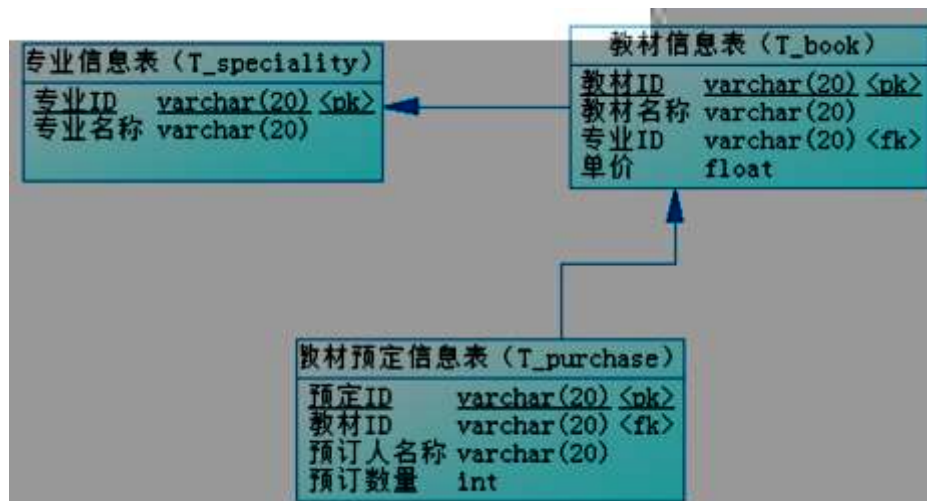
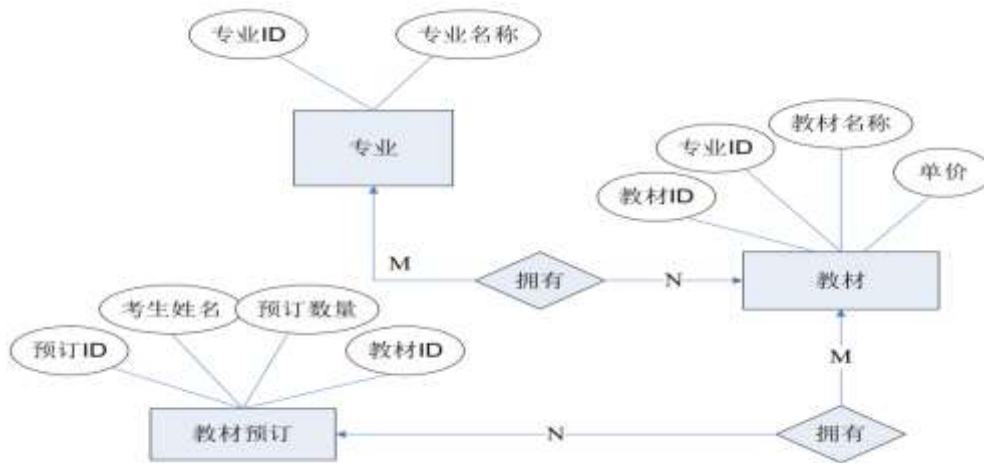
oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑl oÒ !l_2•^®

É 1Ñ6 ° Q ; E-R . t . 2.10.1 p/j "(*6 Q » t . 2.10.2 p/j "

> !â = ° y?æ> 2.10.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý +

ÑÖ



sid	ID	price	
sname		pid	ID
bid	ID	bid	ID
bname		name	
sid	ID	quantity	

20

1 ^ K * ^ SelfStudy ~

2 ^ i . 2.10.2 ...> 2.10.1 " K * > T_speciality ^ T_book ^ T_purchase ~

10

1 ^ j p 9> K * kK^ x

2 ^ i (*6 Q » . K * F K^ x

3 ^ K * £3+ . " f 9?-"r Z . Ôx

4 ^ C J =0 !âU AÔI j E & ° _ ~

55

X C J >] > 2.10.2] ; g \ " f B n/j p 9 ~

sid	sname
001	
002	
003	

1 ^ X >] > 2.10.3] ; g \ " f B n/j p 9 ~

bid	bname	sid	price
001		001	28.5
002		001	16.5

52

003		003	38.9
-----	--	-----	------

2 ^ X N· ° >] > 2.10.4], g \ " f B n/j p 9 ~

pid	bid	name	quantity
001	001		2
002	002		5
003	003		4

- 3 ^ B >] C J5F ' j 001) ~, x
- 4 ^ B >] ' l X 20-40 s {L\$, "r 9' ' l w ¿ ' ¿ x
- 5 ^ B >] =0 5 [~*6 ; "r n/j =0 ... ' l x
- 6 ^ B >] ' l OQ , x
- 7 ^ 6 N· ° >], N· ° GÿG- _ — 1 x
- 8 ^ 64&5 AÑ >] 4 C J) ~ ; £ w ' l "r n/j C J5F ' ^ £ w ' l x
- 9 ^ B *N·AÒ Æ "7- ~*6 , N· ° Æ =0 x
- 10 ^ K *?ö. " > = j purchase_view " B N· ° Æ = "N·AÒ =0 "N·AÒ Gÿ ~

5

, * ^ • & "r 5 [5 " 8#1 N" • & i ~

+ Ñ ~ Ö | J3P « ~ 10 6 ~

oÑ oÒZŽ bZ²4ìX•5ê8ß& e . 1

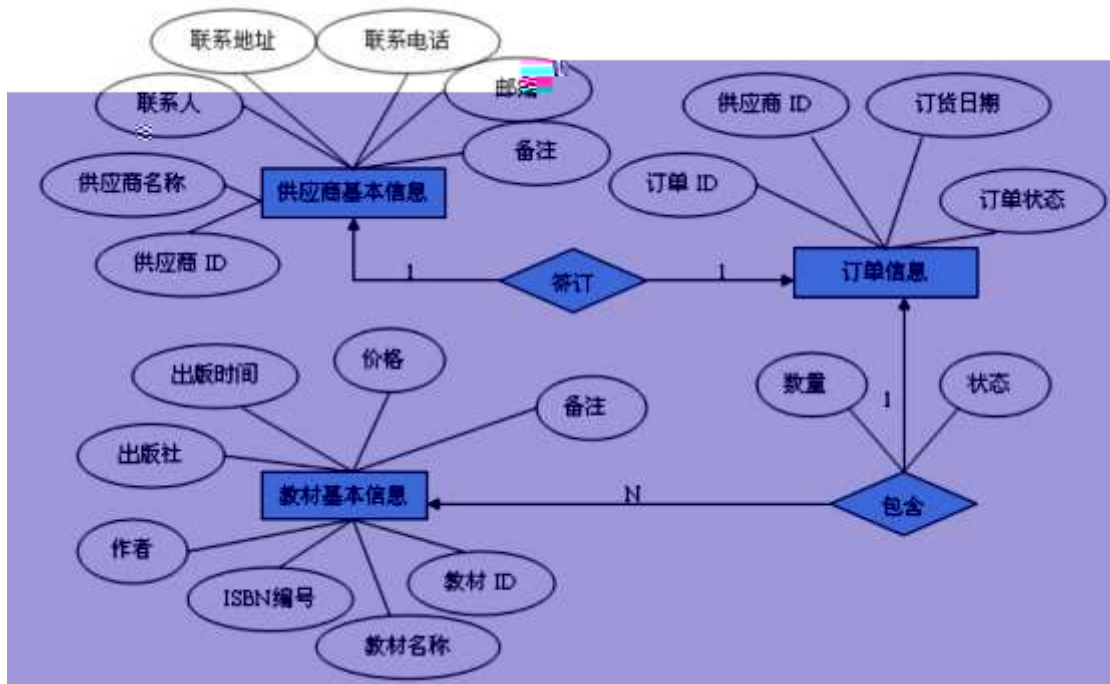
oÑ oÒ*14{6 'X?; X•5ê8ß & e . 2

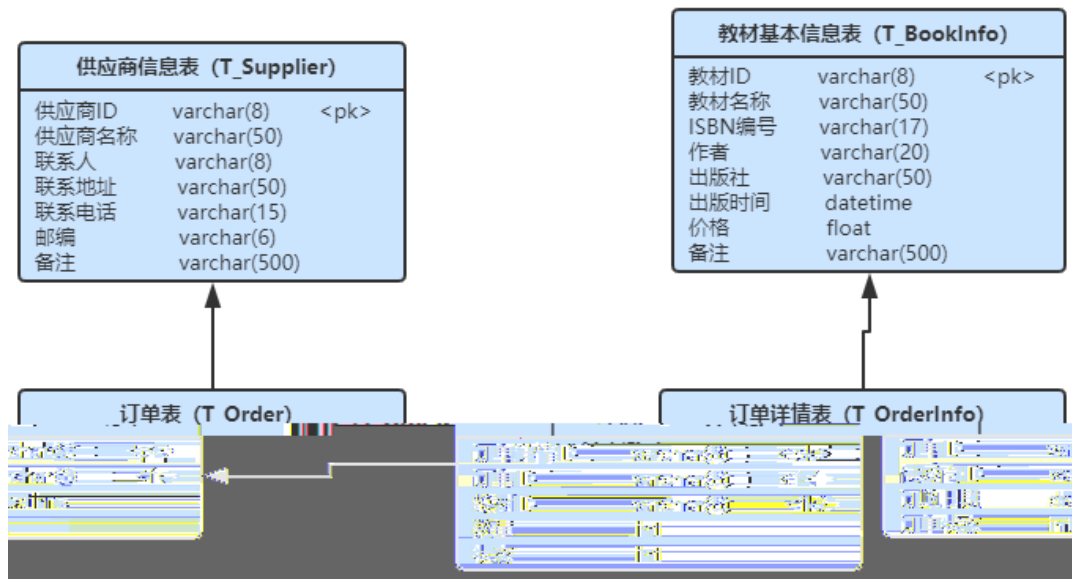
oÑ oÒNÁ6ö4 ^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2•^®

É AÒ]1Ñ6 ° Q ; E-R . t . 2.11.1 p/j "(*6 Q » t . 2.11.2 p /j " > !å = ° y?æ> 2.11.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý + ÑÖ





字段名	字段说明	字段名	字段说明
book_id	教材 id	supplier_name	供应商名称
book_name	教材名称	supplier_people	联系人
book_isbn	教材 ISBN 编号	supplier_address	联系地址
book_author	作者	supplier_phone	联系电话
book_publisher	出版社	supplier_postcode	邮编
book_price	价格	supplier_remark	备注
book_rkm	备注	orderdet_id	订单详情 id
order_id	订单 id	orderdet_status	订单详情状态
order_datetime	订购时间	book_datetime	出版时间
order_status	订单状态	orderdet_num	数量
supplier_id	供应商 id		

10

K * ^ HNIUEAM

25

i . 2.11.2 ...> 2.11.1 " K * > T_Supplier ^ T_BookInfo ^ T_Order ^

T_OrderInfo

25

1 ^ j p 9> K * kK^ x

1. i (*6 Q » .K * F K^ x

2 ^ K * £3+ . f U AÔ= x

3 ^ Aî5 AÒ B l> ~ T_OrderInfo > " Gy orderdet_num !å 193 \$ j 0-500 x

4 ^ Aî5 * \ > ~ T_BookInfo> " ' l book_price !å ,U AÔ l j 10 ~

30

SQL

1. X , ~ v >] > 2.11.2], g \ " f B n/j p 9 x

supplier_id	supplier_name	supplier_people	supplier_address	supplier_phone	supplier_postcode	supplier_remark
1				13808480001	410200	
2				13808480002	430202	
3				13808480003	470201	

order_id	supplier_id	order_datetime	order_status
1	1	2019-5-5	1
2	1	2019-6-20	1
3	2	2019-9-5	1

4. B * , ~ v =0 j ?fl?fl G p ,AÒ 5F ' œAÒ (æ1 x
5. B ' ICµE÷ 20, 5F ' ^ =0 œ 65 " f 9 65 w j ' j x
6. B =0 [9 ^ , x
7. B , ~ v Gÿ
8. 6 , ~ v5F ' j 1 , , ~ v =0 ij P 9 x
9. B 4 , ~ v) ~ ,AÒ Gÿ " 5 [, ~ v5F ' œ) ~AÒ Gÿ x
10. B !ÿ1DAÒ) ~ , , ~ v " 5 [AÒ 5F ' ^ , ~ v =0 ^ , ~ v ' p
11. K *?ö. B , ~ v = j HF " pAÒ], ,B 4ö (5 =0 " ISBN 5F ' " 65 " *(x/n " *(x &L\$ " ' l " Gÿ) x

+ Ñ Ö | J3P « ~ 10 6 -

oÑ oÒ2Ž bZ²4ÌX•5ê8ß& e . 1

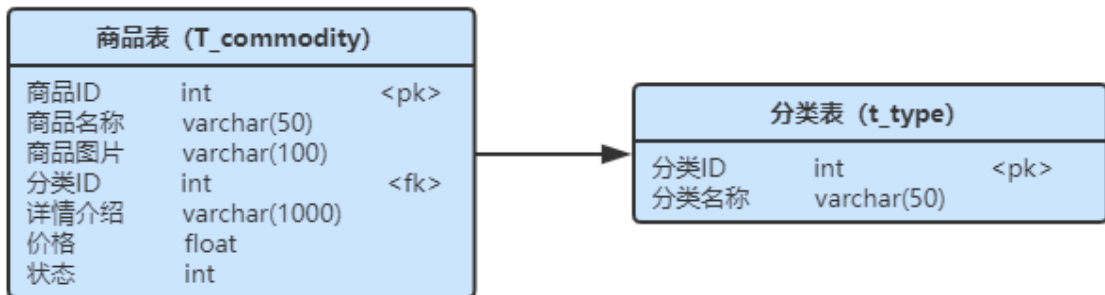
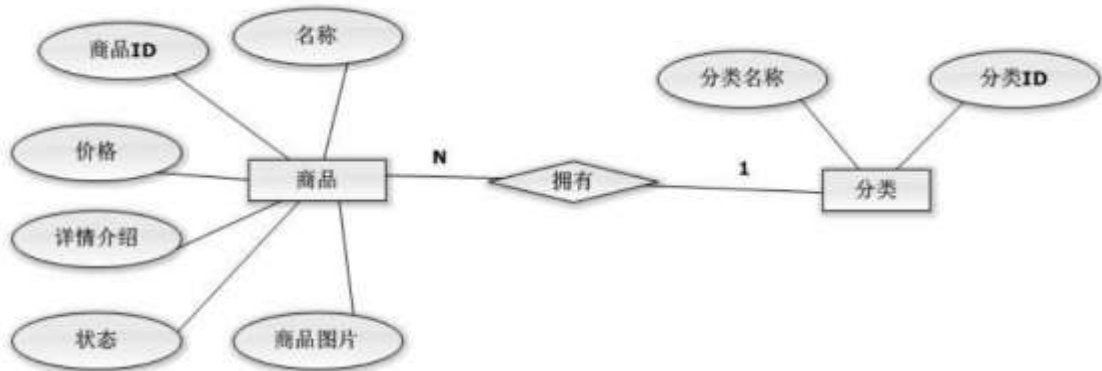
oÑ oÒ*¼{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2•^®

Év æ1Ñ6 ° Q , E-R . t . 2.12.1 p/j "(*6 Q » t . 2.12.2 p/j ..
 > !â = ° y?æ> 2.12.1 ~B' 9 ;AîAÑ... @ ^ K * ^ > K * ... ý +
 ÑÖ



字段名	字段说明	字段名	字段说明
commodity_id(标识列)	商品 ID	price	价格
commodity_name	商品名称	state	状态
img	商品图片	type_name	分类名称
details	详情介绍	type_id(标识列)	分类 id

10

K * ^ ShoppingDB

25

i . 2.12.2 ...> 2.12.1 " K * > T_commodity^ T_type ~

25

1 ^ i (*6 ~ » " K * £3+

2 ^ j p 9> K * kK^ x

3 ^ i (*6 Q » . K * F K^ x

4 ^ K * £3+ . " f U AÔ= x

5 ^ Aî5 v æ> "T_commodity " | price lå. 193 \$ j 0-20000x

6 ^ Aî5 v æ> "T_commodity " Gy state lå ,U AÔl j 0 ~

30

SQL

1 ^ A 62«> > 2.12.2], g \ " f B n/j p 9 x

type_id	type_name
1	
2	
3	

2

2.12.3

commodity_id	commodity_name	img	type_id	details	price	state
1		Coat.jpg	1		800	1
2		Haixin.jpg	2	V6565 AI	4000	0
3		Haier.jpg	2	1	12000	0

- 3 ^ B * p 9(æ1 j 1 , v æ =0 x
- 4 ^ 5 AÑ' I W ¾ 3000 , v æ " f 92« »5F ' w ¿ ' ¿ x
- 5 ^ B p 9 v æ " 9 v æ =0 L} ¿ ' ¿
- 6 ^ B v æ =0 [9 +e?öj , v æ5F ' ^ v æ =0 ^ ' I
- 7 ^ B p 9 v æ, £ w ' I
- 8 ^ 6 v æ5F ' j 1 , v æ ' I :B3 10% x
- 9 ^ 5 AÑ4 v æ2« ») ~, v æ Gÿ " 5 [v æ2« »5F ' œ v æ Gÿ
- 10 ^ B * æe 2« », v æ =0 œ ' I x
- 11 ^ K *?ö. B p 9, v æ ^ 62« =0 x

+ Ñ Ö | J3P « ~ 10 6 -

oÑ oÒ2Ž bZ²4ìX•5ê8ß& e . 1

oÑ oÒ*¼{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

O \ 6 T O

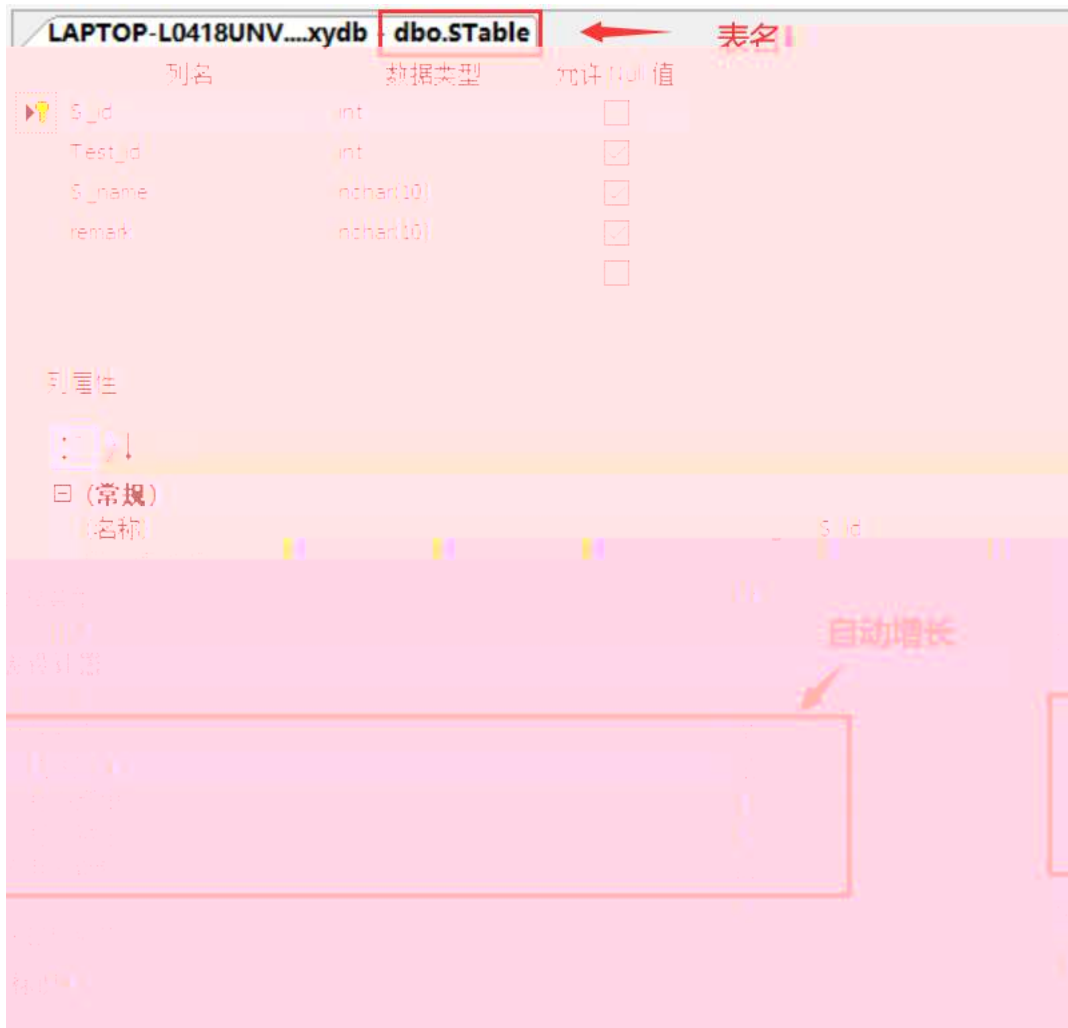
Lt 1 Ô

1 ^ K *1 N" • & i

K * 63+0 ' -N" ' > =, • & i" n p 91 N" • & " » † Ö 3401031-1

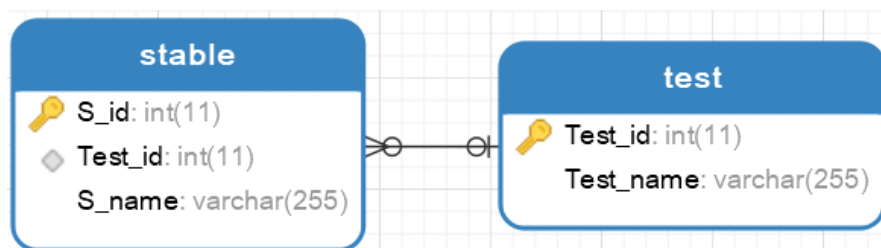
2 ^ K * ^

6 ^ K * @ ^, Z . " Ô# 1 §1-1 Z . }5 " ? -"r ^ =0 \$5 ?æ ~



4 ^ K * > , £3+

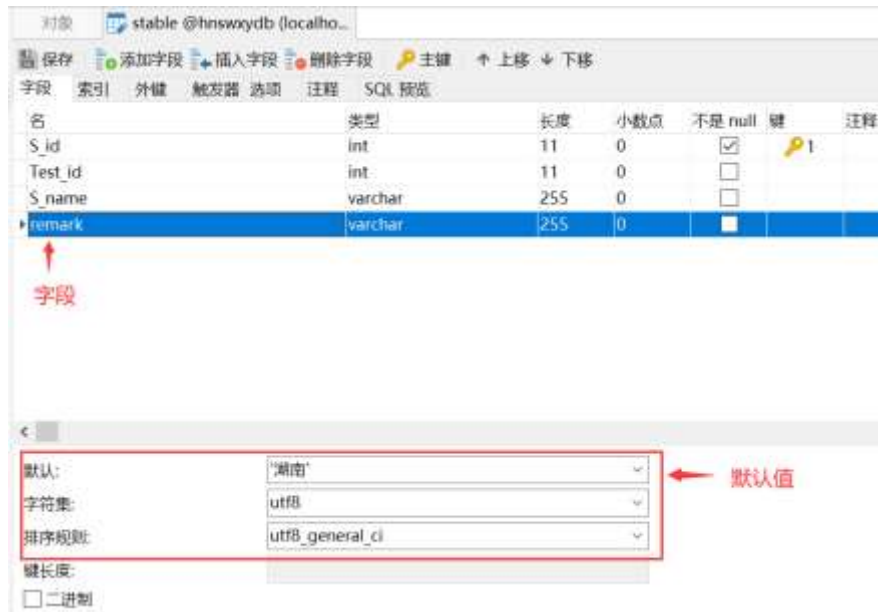
6 >] KK^ ^ FK^ K * @ ~ >+O @, £3+ . Z . " Ç#1 § 2-1 Z . }5 ~



5 ^ K * > , 4Ö

6 >] !äU AÖI4Ö ,AîAÑö.O' Z . " Ç#1 § 2-1 Z . }5 " ö3 Z

. 4 ~



6 ^ > , y
 1 ^ 6 B O'] 6 4N" .1 "IQ Z . " 0 #1 § + Ñ9-("N" ' Z .)5 ""?"-r 5
 [N"- ^-(" .1 œF >|5 ìO' ~
 2 ^ 6 B • & 8#1 N" • & i] "" > = j query.sql
 7 ^ ^; 7 -
 6 ^ , * '1 N" • & i] "" > = j } ^; =0 " t hnswxy.sql " f D? -
 "r 5 [5 ~

Lt 2 . í &

pMO;E . &Aî 7 † ;> ~

¿'	Aî 7 ^E & =0	?ð| / ° _ ò ^+XFD	7#
1	AÑ' j	CPUG\$-fl 5 : " μ 8G : " win7/win10 ý 3+5	+X ¾ & O ...E G 5ç "ÿ Æ O
2	^1Ñ63+5	Mysql/SQL Server	ö3 Æ +F9 O/ý ^1Ñ63+5
3		Office 2010	

4	E^ #		
5	Windows		

Lt 3 63 h &Kfl

63 h &Kfl j 150 6J^ ~

Lt 4 Aô 64ö l

Aô 'N'	6 l	Aô 64ö l
6| J3P «	10 6	1 N" • & i > = =?ô93 2 6 4 • & , > = =?ô93 "lÿ N' 1 6 ^ > = =?ô93 2 6 > > = =?ô93!ÿ P> 1 6 !â = > = =?ô93!ÿN' 0.5 6 ... j!
^ œ > , K * > 1Ñ6	20 6	Z @ ~ ÔZ . "lÿN' 1 6 "Ñ9 @ ~ K * ^ " 5 6 > K * = @ ~ "lÿN' 2 6 !â K * = 1V 8?-"lÿN' 0.5-1 6 ... j!
K * > , 4Ö ... £3+	10 6	Z @ ~ ÔZ . "lÿN' 0.5 6 kK^ K * = @ ~ "lÿN' 1 6 FK^ K * = @ ~ "lÿN' 1 6 4Ö K * = @ ~ "lÿN' 1 6 £3+ . K * = @ ~ " 2 6 ... j!
> , ý	55 6	• & Z @ ~ Ô" 2 6 lÿ?N" 5 6 " f] Z . 0.5 6 "SQB 4.5 6 SQB KIB "lÿ Z SQL 0.5-2 6 ... j!
^ , 7 -	5 6	Z Ô ^ 7 - • & " 5 6 ^]5 • 7 - = ... / " 3 6 ^] 7 - = ... / " 2 6 ... j!

jsp web

oÑl oÒ !!_2^®

```

+a %5j xF ; 1Ñ*6 £ ... {!â"44x1Ñ*665Lî œ & '¶@ ^... / F Z
O;N'- ;OBN' ^ 7 ^ *6 }- - 1y-( £ l â"j — j ) 'j ,œ _ — ; *Aî O;N'- ;
- 1Ñ, Ö: E~ j µ· *Aî O;N'- 8# ^ 8?ô: O " 2 o { ... p *Aî J a °
O O *Aî O;- 1Ñ 3+5 " ) O;N'- " *Aî ^ í ^ *6 O; } ... "
7 1yF >|5, 81Ñ*6 'B 3+5 k?- Q 9 *Aî O;N'- í Ö*+cB' " j ÔC,«Aà"
- 71Ñ*6 " - 7 }1Ñ*61y ^7- Q "
j É*Aî O;- 1Ñ 3+5 °N'- 4ô:O; ¿ "B' G÷+XMVCæ )à ; ^7- Ö
, *Aî O;N'- G> /j x
, *Aî O;N'- "

```

+ ÑO Ö)B±G}5 > webN'- à* ~10 6 "

- 1 ^ ! . G}5 Lö@ O § x
- 2 ^ ! . G}5 Web = Ñ x
- 3 ^ à* webN'- (project1)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

+ Ñ ... Ö ^,·AîAÑ>)à ~10 6 "

- 1 ^ K * ^ ConstructionDB x
- 2 ^ K *N'- > ~ T_project " > 5 ·?æ> 3.1.1 ~

lâ =	lâB\$ >	lâ2« »	qAŁ jO"	7#
project Id	O;5F '	varchar(32)	V	kK^
project Name	O; =O	varchar(64)	V	
deputyName	# £ >	varchar(16)	—	
t telephone	+eB	varchar(16)	—	

addr	' p	varchar (64)	_	
------	-----	--------------	---	--

3 ^ X> T_project] Aà "æ> 3.1.2 ~

project Id	project Name	deputyName	telephone	addr
2003-01	μ? j O O O;	P 9	2626266	Kfl"É 2 Y ó j
2003-02	W <	)» É	8374777	Kfl"É 28Éø j

+ Ñ 9 ÖjavaBean2«· AîAÑ> .)à ~ 20 6 ~

B'J,)-(~; > 5 ·5F É javaBean2« ~# ? Bean5F É?ø93 ~

+ Ñ Öservlet 2«· AîAÑ> .)à ~ 20 6 ~

B' i J ÑM0"r5F É(~; xffkE` ~# ? servlet ,5F É?ø93 ~

+ Ñ ~ Ö} N¥M ,· AîAÑ> .)à ~ 20 6 ~

1 ^ N¥M AîAÑ4 6 ~

,,3P j *.p " .)à. 3.1.1 ^ 3.1.2 p/jN¥M ~





1. 系统管理员在系统中进行项目信息录入时，系统应能根据输入的项目编号、项目名称、法人代表、建设单位电话、建设单位地址等信息，在数据库中查找是否存在该项目。如果存在，则提示“项目已存在”；如果不存在，则提示“项目不存在”。

2. 系统管理员在系统中进行项目信息录入时，系统应能根据输入的项目编号、项目名称、法人代表、建设单位电话、建设单位地址等信息，在数据库中查找是否存在该项目。如果存在，则提示“项目已存在”；如果不存在，则提示“项目不存在”。

3.1.2 项目信息录入

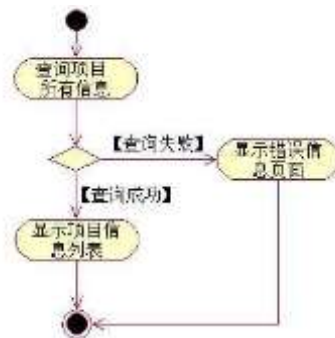
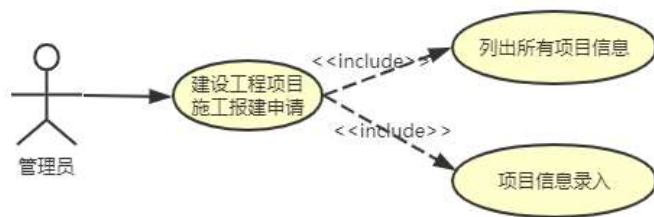
3. 系统管理员在系统中进行项目信息录入时，系统应能根据输入的项目编号、项目名称、法人代表、建设单位电话、建设单位地址等信息，在数据库中查找是否存在该项目。如果存在，则提示“项目已存在”；如果不存在，则提示“项目不存在”。

4. 系统管理员在系统中进行项目信息录入时，系统应能根据输入的项目编号、项目名称、法人代表、建设单位电话、建设单位地址等信息，在数据库中查找是否存在该项目。如果存在，则提示“项目已存在”；如果不存在，则提示“项目不存在”。

5. 系统管理员在系统中进行项目信息录入时，系统应能根据输入的项目编号、项目名称、法人代表、建设单位电话、建设单位地址等信息，在数据库中查找是否存在该项目。如果存在，则提示“项目已存在”；如果不存在，则提示“项目不存在”。

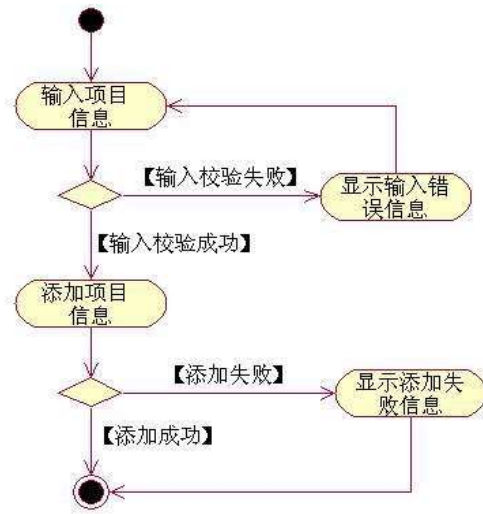
2. 系统管理员在系统中进行项目信息录入时，系统应能根据输入的项目编号、项目名称、法人代表、建设单位电话、建设单位地址等信息，在数据库中查找是否存在该项目。如果存在，则提示“项目已存在”；如果不存在，则提示“项目不存在”。

项目信息录入



3 ^ ~ N'- ~7-MO"r,+X »\$+ —N'- #k Ø. ... @\$+ —N'- ~7- "† . 3.1.3

...3.1.5 p/j ~ 8 6 ^



+ Ñ Ö ~ 10 6 ^

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j project1.war
- 3 ^ G 5¢N'- ' tomcat = Ñ ;

oÑ oÒ2Ž bZ²4ìX•5ê8ß& e . 1

oÑ oÒ*¼{6 `X?; X•5ê8ß& e . 2

oÑ oÒÁ6ö4^•X?; X•5ê8ß& e . ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑl oÒ !!_2^®

+a 35j xF , 1Ñ6 £ ... {!å" 44x1Ñ665Lî œ & ' ¶@ ^ ... / F Z
 O;N'- ,OBN' ^ 7 ^- *6 }- - 1y-(£ i å"J,)! i å" j — j) ' j ,œ , —
 , *Aî O;N'- , - 1Ñ, Ö. E~ j µ. *Aî O;N'- 8# ^ 8?ô. O " 2 o { ...
 p *Aî J a ° O O *Aî O;- 1Ñ 3+5 ") O;N'- " *Aî ^ í ^ -
 *6 O; } ... - 7 1yF >| 5, 81Ñ6 "B 3+5 k?- Q 9 *Aî O;N'- í Ö*
 +cB' " j ÔC,«Aà" - 71Ñ6 " - 7 }1Ñ61y ~7- Q ~
 j É *Aî O;- 1Ñ 3+5 °N'- 4ô.O; ¿ "B')à t ; ~7- Ö
 , 1 J G> /j x
 , 1 J \$+ — ~

- + ÑO Ö)ß †G}5 > webN'- à* ~10 6 -
- 1 ^ ! . G}5 Lö@ O § x
- 2 ^ ! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project2)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

- + Ñ ... Ö ^ , Aî AÑ >)à ~10 6 -
- 1 ^ K * ^ ConstructionDB x
- 2 ^ K *N'- > ~ enterpriseInfo " > 5 .?æ> 3.2.1 ~
 > 3.2.1 1 J * \ i å> ~ enterpriseInfo " > 5 .

!å =	!åB\$ >	!å2« »	qAŁ jO"	7#
entId	1 J 5F '	varchar(32)	V	kK ^
entName	1 J =0	varchar(64)	V	
beginDate	*OB &L\$	varchar(16)	—	
addr	B 4ö ' p	varchar(64)	—	
regCapital	# ...Ct \	decimal(12,4)	—	l » " } Ö7 s

3 ^ X> enterpriseInfo] Aà ""æ> 3.2.2 ~

> 3.2.2 1 J * \ | àAà

entId	entName	beginDate	addr	regCapital
2000	KfI"Ép * 9L (	2000-01-01	KfI"É2 Y ój	100
2001	Y *1 1 J 9L (	2000-01-01	KfI"É28Éø j	100

+ N 9 ÖjavaBean2«· AîAÑ> .)à ~ 20 6 ~

javaBean Bean

+ N Öservlet 2«· AîAÑ> .)à ~ 20 6 ~

servlet

+ N ~ Ö} N¥M ,· AîAÑ> .)à ~ 20 6 ~

1 ^ N¥M AîAÑ4 6 ~

,·3P j *.p "" .)à . 3.2.1 ^ 3.2.2 p/jN¥M ~



. 3.2.1 1 J G> N¥M



3.2.2 1 J N¥M

1 - &Ø + .3.2.1] , - 1 J 9JP" IF 1 J N¥M x

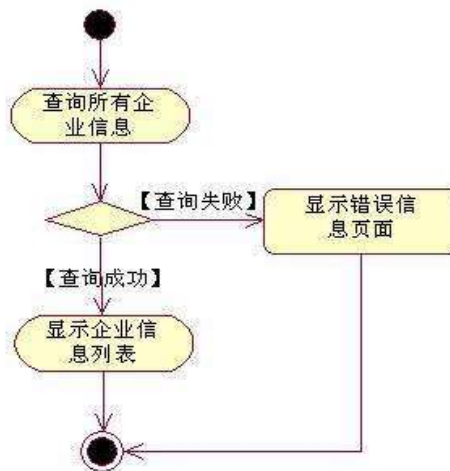
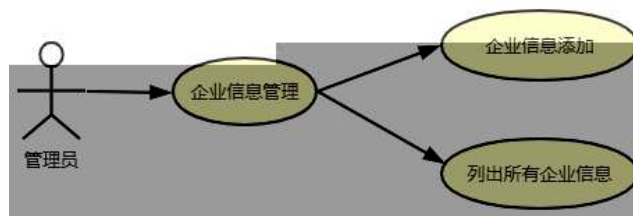
2 -) . 3.2.2] ;E^ G 6F >| i QP... x

3 - &Ø + .3.2.2] . ° 9JP" X 1 J >] - 0 1 J x

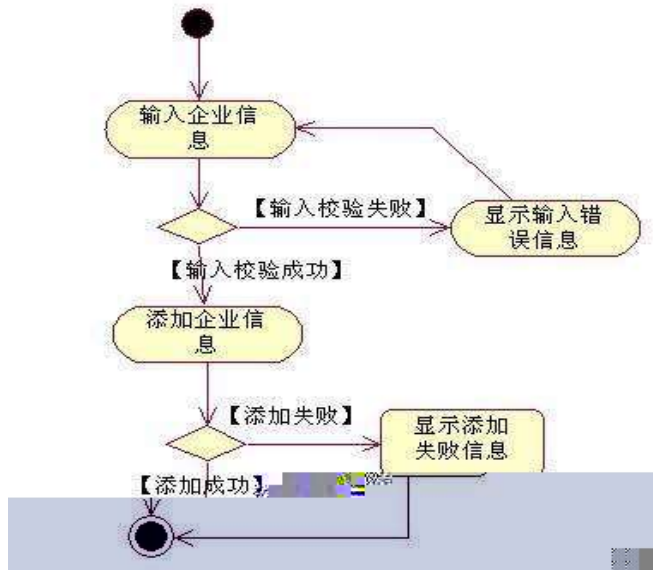
4 - 1 J - @ ~ > 8 Ø } ' 1 J G> N¥M "n/j \$ à > ,N'- G> "

† . 2.1

2 ^ " N'- ~7-MO"r,+X »#k Ø .)à 1 J G> n/j ~7- "t . 3.2.3 ...3.2.4
p/j ~ 8 6 -



3 ^" N'- ~7-MO"r,+X » ...\$+ — 1 J #k Ø. ... @\$+ — 1 J ~7- †. 3.2.3 ...
 3.2.5 p/j ~ 8 6 ^



+ Ñ Ö ~ 10 6 ^

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j project2.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

oÑ oÒ Ö\$ > 1

oÑ oÒ *4{6 `X?; X•5ê8ß& e . 2

oÑ oÒ ÑÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒ Z, ÄM,, xX•5ê8ß& e . 4

oÑloÒ !!_2^®

+a 35j xF , 1Ñ6 £ ... {!â"44x1Ñ665Lî œ & '¶@ ^... / F Z
O;N'- ,;OBN' ^ 7 ^ *6 }- - 1y-(£ l â"j — j) ' j ,œ , —, *Aî O;N'- ,
- 1Ñ, Ö: E~ j µ. *Aî O; N'- 8# ^8?ô. O " 2 o { ... p *Aî J a °
O O *Aî O;- 1Ñ 3+5 ") O;N'- " *Aî ^ í ^ *6 O; } ... ~
7 1yF >|5, 81Ñ6 'B 3+5 k?- Q 9 *Aî O;N'- í Ö *+cB' " j ÔC,«Aà "

j É*Aî O;- 1Ñ 3+5 °N'- 4ô.O; ¿ "B')à † ; ~7- Ö

, 7N'- G> /j x

, Aô G> n/j ~

+ ÑO Ö)ß †G}5 > webN'- à* ~ 10 6 -

1 ^ ! . G}5 Lö @ O § x

2 ^ ! . G}5 Web= Ñ x

3 ^ à* webN'- (project3)

4 ^ G}5 jd bc 4ô &

5 ^ , 3P

+ Ñ ... Ö ^, AîAÑ>)à ~ 10 6 -

1 ^ K * ^ ConstructionDB x

2 ^ K * >

1 ^ K * 7N'- > ~ T_project " > 5 :?æ> 3.3.1 ~

!â =	!âB\$ >	!â2« »	qAŁ j0"	7#
------	---------	--------	---------	----

Addr	' p	varchar(64)	_	
------	-----	-------------	---	--

2 - K *Aô > ~ T_expert ~> 5 .?æ> 3.3.2 ~

!â =	!âB\$ >	!â2« »	_ V qAŁ jO"	7#
Expert_id	C æID	char(5)	V	kK^
Expert_name	C æ =	char(12)	V	
Id_card	DÛ-Aæ	char(18)	V	
Dept	}	varchar(64)	_	

3 - K * 7N'- -Aô £6 > ~ T_project_expert ~> 5 .?æ> 3.3.3 ~

!â =	!âB\$ >	!â2« »	_ V qAŁ jO"	7#
ID	¿'	int	V	kK^ " p 1 O B8
Project_id	O;5F'	varchar(32)	V	FK^
Expert_i d	C æID	char(5)	V	FK^

4 - X> T_project Aà ~?æ> 3.3.4 ~

Project_id	Project_name	Deputy_name	Telephone	Addr
2003-01	µ? j O O O;	P 9	2626266	Kfl"É 2 Y ó j
2003-02	W <	)» £	8374777	Kfl"É 28Éø j

5 - X> T_expert Aà ~?æ> 3.3.5 ~

Expert_id	Expert_name	Id_card	Sex	Dept
E1001	H L¥	430911196909289910	+g	O;FP' Ø (
E1002	7 •	430911197009228111	+g	*Aî- *6 (
E1003	H A9	430234196907224560	£	Kfl"É L
E1004	O	430345197605127664	£	Kfl"É JAÑ8 » Ñp

6 - X> T_project_expert Aà ~?æ> 3.3.6 ~

ID	Project_id	Expert_id
1	2003-01	E1001
2	2003-01	E1002
3	2003-01	E1004
4	2003-02	E1004

+ Ñ 9 ÖjavaBean2«· AîAÑ> .)à ~ 20 6 ~

javaBean Bean

+ Ñ Öservlet 2«· AîAÑ>)à ~ 20 6 -

servlet

+ Ñ ~ Ö } N¥M , AîAÑ>)à ~ 20 6 -

1 ^ N¥M AîAÑ4 6 -

,·3P j *.p ")à . 3.3.1 ^ 3.3.2 p/jN¥M ~



N¥M D#E B\$ >

1 - &Ø + .3.3.1] ; í Aô : N' "I X #EØ ; k G 6] n/j p 9 ; 7N'

- œ-(£ ý x

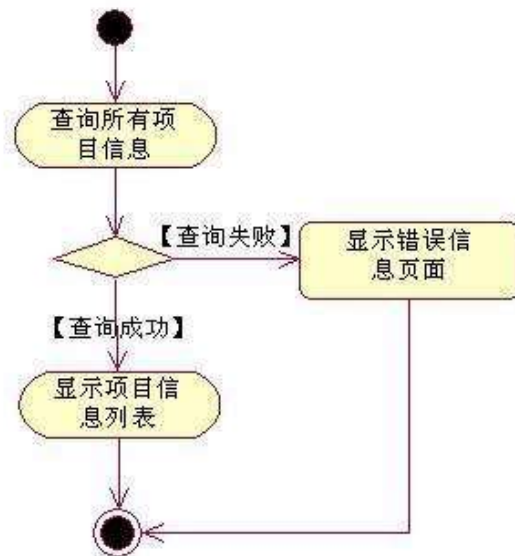
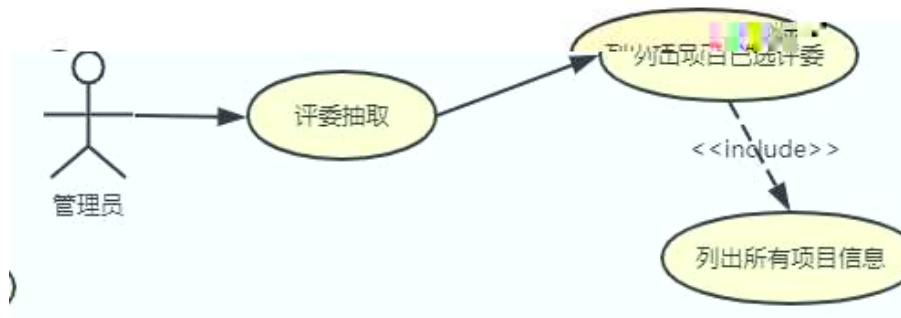
2 - &Ø + . 3.3.1] ; N'- ; "F9Aô K. Ö" F B N'- ; "F9Aô G>

N¥M " † .3.3.2 p/j x

3 - X . 3.3.2 ; "F9Aô G>] n/j pF9N'- ; p 9Aô

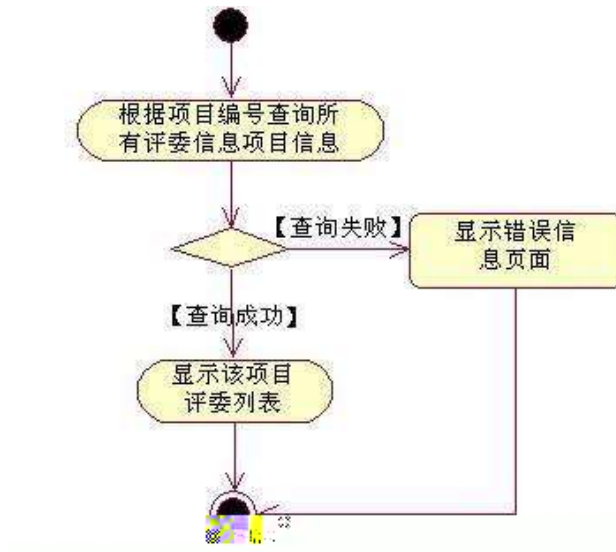
2 ^ " N' - ~7-MO"r,+X »#k Ø.)à 7N' - G> n/j ~7- " t . 3.3.3 ...

3.3.4 p/j ~ 8 6 -



3 ^ " N' - ~7-MO"r,+X »#k Ø. ... @Aô G> n/j ~7- " t . 3.3.3 ...3.3.5

p/j ~ 8 6 -



+ Ñ Ö

~ 10 6 ~

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j project 3.war

3 ^ G 5çN'- ' tomcat = Ñ ;

oÑ oÒ 0\$ > 1

oÑ oÒ*14{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑloÒ !!_2^®

+a %j xF ; 1Ñ6 £ ... {!â"44x1Ñ665Lî œ & '¶@ ^... / F Z
 O;N'- ;,OBN' ^ 7 ^ *6 }- - 1y-(£ i â"j — j) ' j ,œ _ , *Aî O;N'- ;
 - 1Ñ, Ö: E~ j µ: *Aî O;N'- 8# ^8?â· O " 2 o { ... p *Aî J a °
 O O *Aî O;- 1Ñ 3+5 ") O;N'- " *Aî ^ í ^ ~ *6 O; } ... -
 7 1yF >|5, 81Ñ6 B 3+5 k?- Q 9 *Aî O;N'- í Ö*+cB' " j ÔC,«Aà "
 - 71Ñ6 " 7 }1Ñ61y ~7- Q ~ jÉ*Aî O;- 1Ñ 3+5 'N'- 4â·O; ¿ "
 B')à † ; ~7- Ö

, ÔC#qO;! PÔG> /j x

, ÔC#qO;! PÔ\$+ — x

ÔC#qO;! PÔPL ~

+ ÑO Ö)ß †G}5 > webN'- à* ~ 10 6 -

1 ^ ! . G}5 Lö @ O § x

2 ^ ! . G}5 Web= Ñ x

3 ^ à* webN'- (project 4)

4 ^ G}5 jdbc 4â &

5 ^ , 3P

+ Ñ ... Ö ^ , AîAÑ>)à ~ 10 6 -

1 ^ K * ^ ConstructionDB x

2 ^ K *>

1 ^ K *#qO;! PÔ° y> ~ T_flow_step_def " > 5 .?æ> 3.4.1 ~

!â =	!âB\$ >	!â2« »	qAŁ jO"	7#
Step_no	#qO;! PÔID	int	V	kK^ " p 1 O B8
Step_name	#qO;! PÔ=O	varchar(32)	V	
Limit_time	&L	int	_	} ~ Y "
Step_des	#qO;! PÔyF	varchar(64)	_	
URL	K. Ö' p	varchar(64)	_	

Step_no	Step_name	Limit_time	Step_des	URL
1	*Aî O;N'- í Õ*+cB'	10	í Õ*	Flow/ConstructManager.html
2	j ÔC,«Aà	7	j ÔC	Flow/ConstructManager.html

+ Ñ 9 ÖjavaBean2«; AîAÑ> .)à ~ 20 6 -

B'J,)-(; > 5 .5F É javaBean2« ~# ? Bean5F É'ô93 -

+ Ñ Öservlet 2«; AîAÑ> .)à ~ 20 6 -

B' i J ÑMO"r5F É(; xffkE` ~# ? servlet ;5F É'ô93 -

+ Ñ ~ Ö} N¥M ; AîAÑ> .)à ~ 20 6 -

1 ^ N¥M AîAÑ4 6 -

,.3P j *.p " .)à . .)à . 3.4.1 p/jN¥M ~



N¥M D#E B\$: >

1 - &Ø + .3.4.1], Ô C#q0;! PÔ° y : N' "I X #EØ; k G 6] n/j#q0;
! PÔG> ~

2 -). 3.4.1], #q0;! PÔ - , 'G 6F >| I QP... ~

3.4.1 流程步骤定义

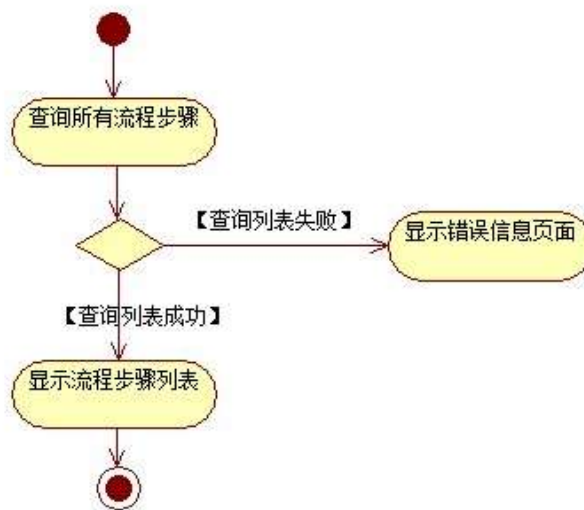
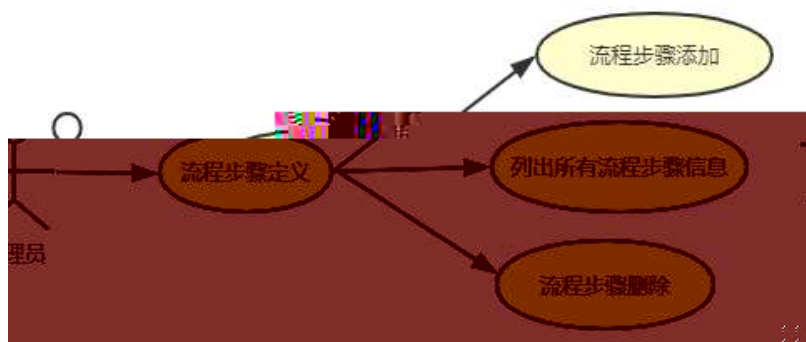
3.4.1 流程步骤列表

3.4.1 流程步骤删除

3.4.1 流程步骤添加

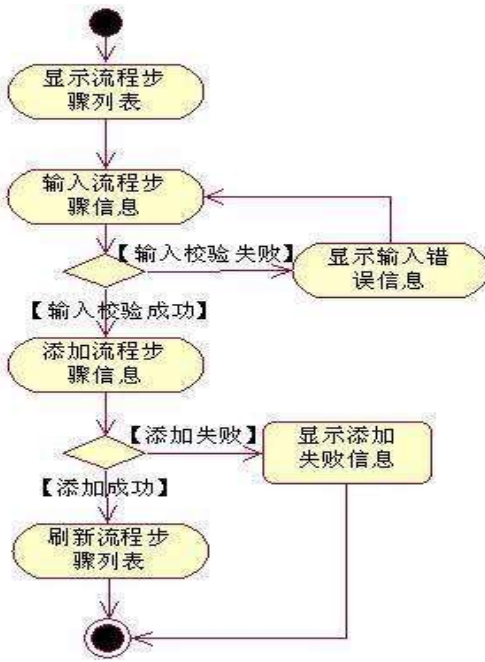
3.4.2 ...

3.4.3 p/j ~ ~ 6 6 ~

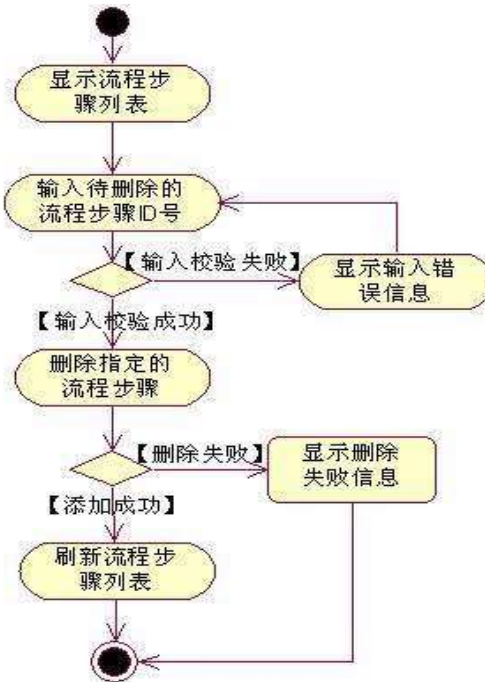


3.4.2 ...3.4.4 p

/j ~ 6 6 ~



4 ^ " N'- ~7-MO"r,+X »#k Ø. ... @#qO;! PÖPL ~7- " † . 3.4.2 ...3.4.5 p
/j ~ 4 6 -



+ Ñ Ö ~ 10 6 -

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j proje ct 4.war

3 ^ G 5ϕN'- ' tomcat = Ñ ;

oÑ oÒ ~~Q~~\$ > 1

oÑ oÒ*¼6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑloÒ!_2^®

L¿-p´6 5 , fl# ~+X ... ° _:F O! , Æ ,+O#k Ø ?F@\$@ +O FC"
C" >5 5 6 3+ ö7 F / ,+e v ÑEi)K , i ¶ Æ *L C](,*6 % ,C" C" J,
Æ X P5 > F {L\$, \$ A ¾9 \$ — "7- ... ï \$;5 :C](àØ? " Æ < KCª = *
g a7-C] '8 !ó , v æ "p 4 W v j i ¶ P5 ,4ÿ:U Q ? "w Ø* ¶8 !,5
:C](£ œ) ~, > 1Ñ6 £)àX v j " 9 ¶4ï :C](£ MO?- O O >
1Ñ63+5 ")àQ x, v æ AÒ 1y1Ñ6 "k?- ~7- Q 9 v æ1Ñ6 ÷X g1Ñ6 AÒ 1Ñ6 ^
1Ñ61y ~

j Ée v p > 1Ñ63+5 °N'- O 4ô; ¿ "B')à† ; ~7- Ö
, +X g G> n/j x
, +X g , \$+ — ~

+ ÑO Ö)ß †G}5 > webN'- à* ~10 6 ^

- 1 ^! . G}5 Lö@ O § x
- 2 ^! . G}5 Web= Ñ x
- 3 ^ à * webN'- (project 5)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

+ Ñ...Ö ^,AîAÑ> .)à ~10 6 ^

1 ^

email	+e F#Æ	varchar(50)	V	
telep hone	+eB '1	varchar(25)	V	
qqld	QQ'1	varchar(25)	-	
pwd	ö1	varchar(25)	V	U AÔI j 123456
regTime	# ... &L\$	datetime	V	U AÔI j }3+5 &L\$
question	ö1 L	varchar(60)	-	
answer	ö11 x	varchar(100)	-	
state	_ V °5	int	V	0 > /j °5 ° 1 > /j Z ° 5 °U AÔI j 1

2 - X> T_user Àà °?æ> 3.5.2 ~

lå =	lå |
id	1
name	lx
trueName	P m
cardId	220103198203152514
email	lx0315@163.com
telep hone	13609764565
qqld	21231900
pwd	123456
regTime	2007-11-29
question	Ø+O
answer	= zAø
state	1

+ \tilde{N}^9 \tilde{O} javaBean2« \cdot $\hat{A}\hat{I}\hat{A}\hat{N}$ > \cdot)à \sim 20 6 \sim

B'J,)-($\tilde{\cdot}$; \cdot > 5 \cdot 5F \hat{E} javaBean2« $\tilde{\#}$? Bean5F \hat{E} '093 \sim

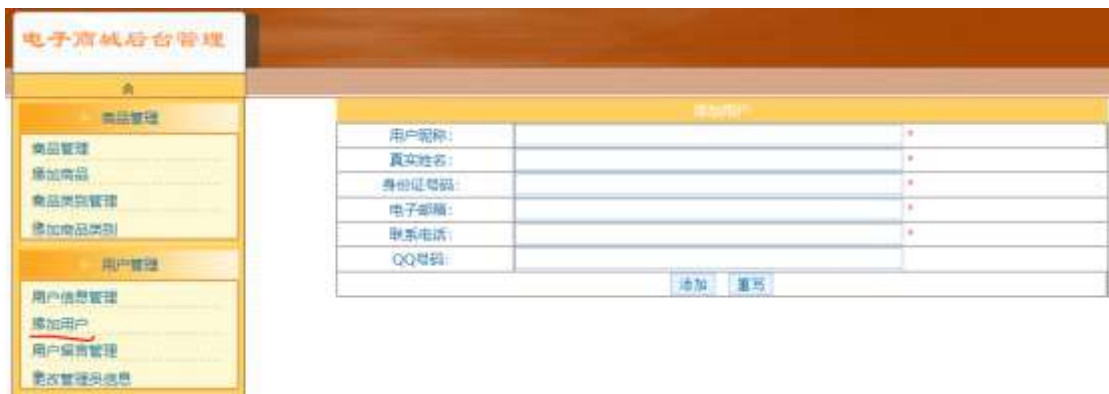
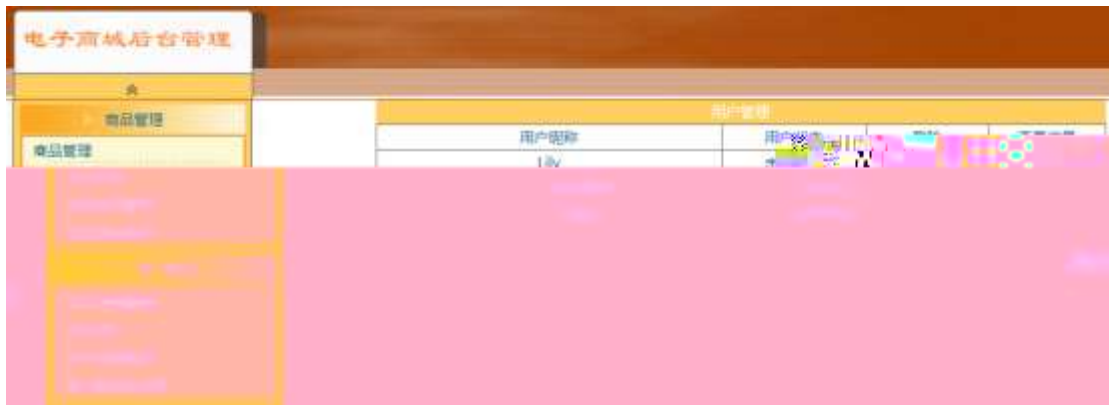
+ \tilde{N} \tilde{O} servlet 2« \cdot $\hat{A}\hat{I}\hat{A}\hat{N}$ > \cdot)à \sim 20 6 \sim

B' i J \tilde{N} M0"r5F \hat{E} ($\tilde{\cdot}$; xffkE` $\tilde{\#}$? servlet \cdot ,5F \hat{E} '093 \sim

+ \tilde{N} \tilde{O} } N¥M \cdot $\hat{A}\hat{I}\hat{A}\hat{N}$ > \cdot)à \sim 20 6 \sim

1 $\hat{\cdot}$ N¥M $\hat{A}\hat{I}\hat{A}\hat{N}$ 4 6 \sim

\cdot ,3P j * \cdot p \sim)à. 3.5.1 $\hat{\cdot}$ 3.5.2 p/jN¥M \sim



1 \sim &Ø + \cdot 3.5.1] \cdot +X g 1 \tilde{N} 6 : N' \sim | X #EØ \cdot k G 6] n/j+X g

G> \sim

2 \sim &Ø + \cdot 3.5.1] x? \cdot \$+ —+X g CµK. \tilde{O} IF \$+ —+X g N¥M \sim t \cdot

3.5.2 p/j \sim

3) . 3.5.2] ,E^ G 6F >| i QP... ~

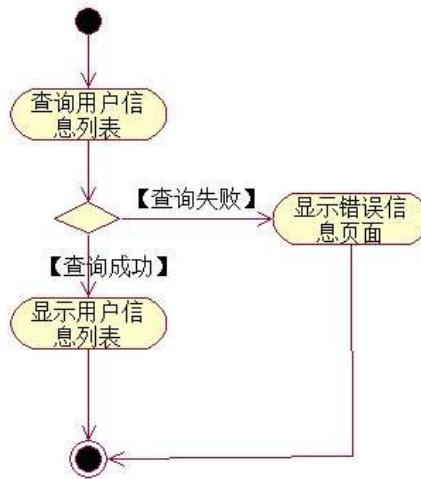
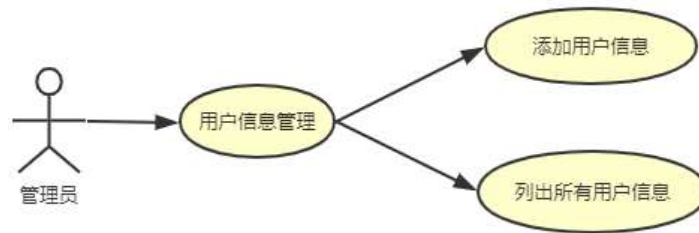
4 ^ &Ø + .3.5.2] \$+ — 9JP" X+X g >] , — 0 +X g ~

5 ^ +X g , — @ ~ > "8 Ø° } '+X g 1Ñ6 G> N¥M " n/j \$ à >, +X g

G> " † . 3.5.1

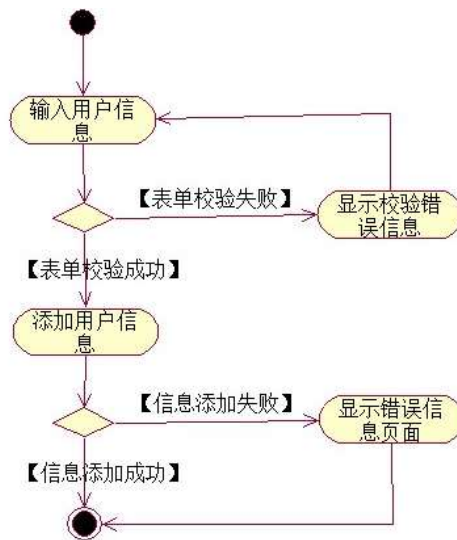
2 ^ " N'- ~7-MO "r,+X » ...#k Ø.)à+X g G> n/j ~7- " † . 3.5.3 ...3.5.4

p/j ~ 8 6 ^



3 ^ " N'- ~7-MO "r,+X » ...#k Ø. ... @\$+ —+X g ~7- " † . 3.5.3 ...3.5.5 p

/j ~ 8 6 ^



+ Ñ Ö

~ 10 6 -

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j project 5.war

3 ^ G 5¢N'- ' tomcat = Ñ ;

oÑ oÒ Ò\$ > 1

oÑ oÒ*4{6 `X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑl oÒ !!_2^®

L¿-p ´6 5 , fl# ~+X ... ° _ ,F O! , CE ,+O#k Ø ?F@\$@ +O FC"
 C" >5 5 6 3+ ö 7 F / , +e v ÑEi)K , i ¶ CE *L C](, *6 % , C" C" J,
 CE X P5 > F {L\$, \$ A ¾9 \$ — "7- ... i \$,5 :C](à Ø ? " CE < KCª = *
 g a7-C] '8 ! ó , v æ "p 4 W v j i ¶ P5 ,4ÿ:U Q ? "w Ø* ¶8 !,5
 :C](£ œ) ~, > 1Ñ6 £)àX v j " 9 ¶4i :C](£ MO?- O O >
 1Ñ63+5 ")àQ x, v æ AÒ 1y1Ñ6 "k?- ~7- Q 9 v æ1Ñ6 +X g1Ñ6 AÒ 1Ñ6 ^
 1Ñ61y ~ j É+e v p> 1Ñ63+5 °N'- O 4ô:O; ¿ "B')à† ; ~7- Ö
 , +X g G> n/j x
 Z CE+X g B ~

+ ÑO Ö)ß±G}5 > webN'- à* ~10 6 ^

- 1 ^ ! . G}5 Lö@ O § x
- 2 ^ ! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project 6)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

+ Ñ...Ö ^, AîAÑ>)à ~10 6 ^

- 1 ^ K * ^ JopDBx
- 2 ^ K *>
- 1 ^ K *+X g * \ i å> ~ T_user ""> 5 .?æ> 3.6.1 ~

!å =	!åB\$ >	!å2« »	qAŁ jO"	7#
id	+X g5F '	int	V	kK^ "8 Ø,Kfl G
name	+X g e0	varchar (25)	V	
trueName	-O . =	varchar (25)	V	
cardId	DÛ-Aæ '1	varchar (18)	V	
email	+e F¶Æ	varchar (50)	V	
telep hone	+eB '1	varchar (25)	V	

qqld	QQ'.1	varchar (25)	-	
pwd	ö1	varchar (25)	V	U AÔl j 123456
regTime	# ... &L\$	datetime	V	U AÔl j }3+5 &L\$
question	ö1 L	varchar (60)	-	
answer	ö11 x	varchar (100)	-	
state	_ V °5	int	V	0 > /j °5 "1 > /j Z °5 " U AÔl j 1

2 - X> T_user Aà "æ> 3.6.2 -

!å =	!å l
id	1
name	lx
trueName	P m
cardId	220103198203152514
email	lx0315@163.com
telephone	13609764565
qqld	212319800
pwd	123456
regTime	2007-11-29
question	Ø+O
answer	= zAø
state	1

+ Ñ 9 ÖjavaBean2«· AîAÑ> .)à ~ 20 6 -

B'J,)-(~; > 5 ·5F É javaBean2« ~# ? Bean5F É?ô93 -

+ Ñ ÖServlet 2«· AîAÑ> .)à ~ 20 6 -

B' i J ÑMO"r5F É(~; ×ffkE` ~# ? servlet ,·5F É?ô93 -

+ Ñ ~ Ö} N¥M ,· AîAÑ> .)à ~ 20 6 -

1 ^ N¥M AÍÀÑ4 6 ^

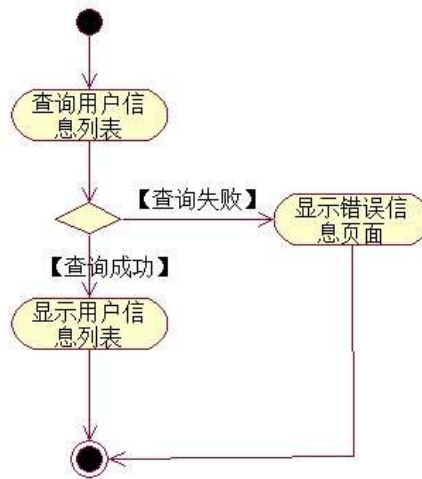
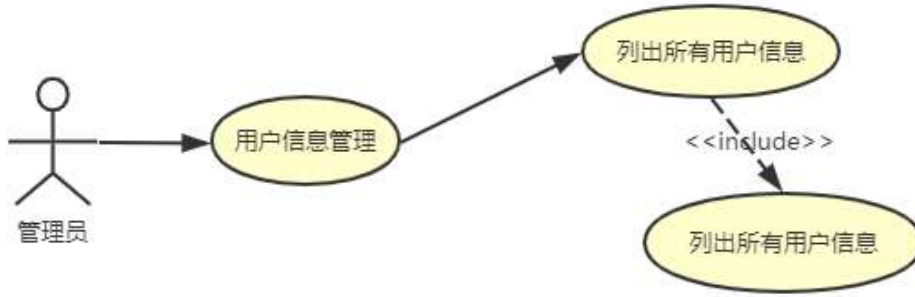
3.6.1 ^ 3.6.2 p/jN¥M ^



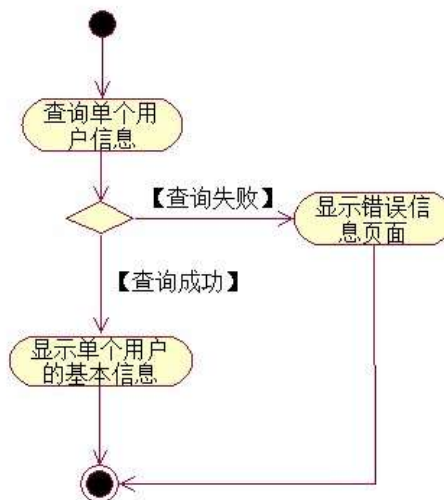
N¥M D#E B\$ >

1 ^ &Ø + .3.6.1], +X g 1Ñ6 : N' "I X #EØ; k G 6] n/j+X g G> ^

2 ^ &Ø + .3.6.1] x?; -; 9Jb" IF +X g -; N¥M " t . 3.6.2 p/j 2 ^ " N'- ~7-MO"r,+X »#k Ø.)à+X g G> n/j ~7- " t . 3.6.3 ...3.6.4 p/j ~ 8 6 ^



3 ^ " N' - ~7-MO"r,+X »#k Ø. ... @+X g B ~7- " t . 3.6.3 ...3.6.5 p /j ~ 8 6 -



+ Ñ Ö

~ 10 6 -

1 ^ B3B N'- " fIN'- 7- O! . >|

2 ^ 5N'- " =0 j project 6.war

3 ^ G 5çN'- ' tomcat = Ñ ;

oÑ oÒ Ò\$ > 1

oÑ oÒ*4{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

(1) 任务描述

Lj-p '6 5 , fl# ~+X ... ° _·F O! , CE ,+O#k Ø ?F@\$@ +O FC"
C" >5 5 6 3+ ö 7 F / ,+e v Ñ(E)K , i ¶ CE *L C](,*6 % ,C" C" J,
CE X P5 > F {L\$, \$ A ¾9 \$ — "7- ... i \$;5 :C](àØ ? " CE < KC^a = *
g a7-C] '8 ! ó , v æ "p 4 W v j i ¶ P5 ,4ÿ:U Q ? "w Ø* ¶8 !,5
:C](£)àX v jMO?- O O v p· > 1Ñ63+5 ")àQ x,1Ñ6 "k?- ~7- Q
9 v æ1Ñ6 ^+X g1Ñ6 ^AÒ 1Ñ6 ^ 1Ñ61y ~
j É+e v p> 1Ñ63+5 °N'- O 4ô:O; ¿ "B')à† ; ~7- Ö
, +X g+ @O G> n/j x
+X g+ @O B ~
+ ÑO Ö)ß±G}5 > webN'- à* ~10 6 -
1 ^! . G}5 Lö@ O § x
2 ^! . G}5 Web

pwd	01	varchar(25)	V	U AÔj 123456
regTime	# ... &L\$	datetime	V	U AÔj }3+5 &L\$
question	01 L	varchar(60)	-	
answer	011 x	varchar(100)	-	
state	_ V °5	int	V	0 > /j °5 ° 1 > /j Z °5 °U AÔj 1

2 - K *+X g+ @01Ñ6> T_message> 5 .?æ> 3.7.2 ~

> 3.7.2 + @0 > ~ T_message> 5 .

!å =	!åB\$ >	!å2« »	qAŁ j0"	7#
id	+ @05F '	int	V	kK^
userId	+ @0+X g5F '	int	V	FK^(T_user)
title	+ @0 7N"	varchar(200)	V	
content	+ @0 µØ	text	V	
time	+ @0 &L\$	datetime	V	U AÔj }3+5 &L\$

3 - X> T_user Aå °?æ> 3.7.3 ~

> 3.7.3 +X g * \ i å ~ T_user ~Aå

!å =	!å l
id	1
name	lx
trueName	P m
cardId	220103198203152514
email	lx0315@163.com
telephone	13609764565
qqId	212319800
pwd	123456
regTime	2007-11-29
question	Ø+O
answer	= zAØ
state	1

4 - X> T_message Aà "æ> 3.7.4 ~

> 3.7.4 + @0 > ~T_messageAà

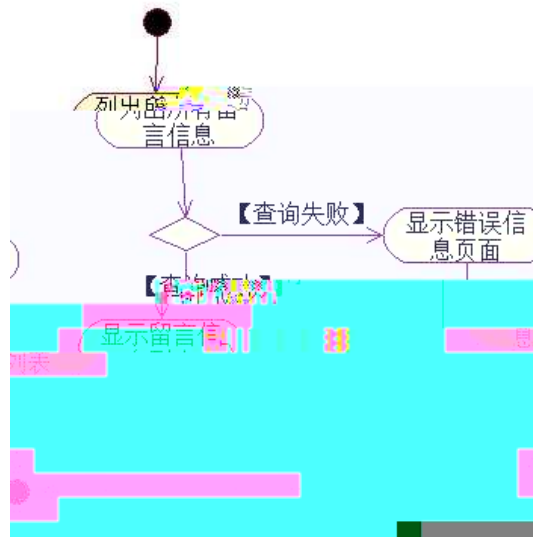
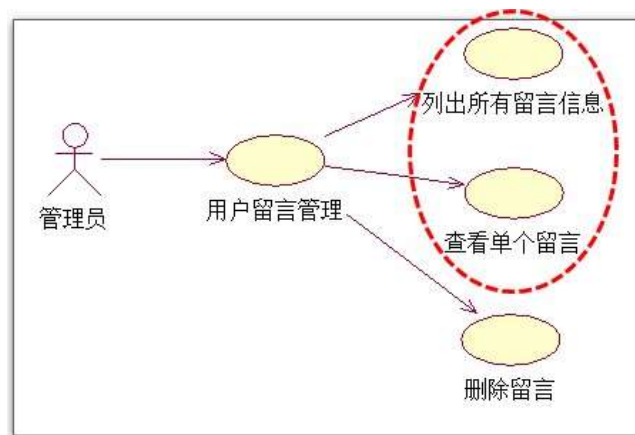
	userId	title	content	time
1	1	2} J A 5FBÛ	A # 2 \ "B'L J AJÆ 5 FF1 ' æÛ	2014-11-12

N¥M D#E B\$ >

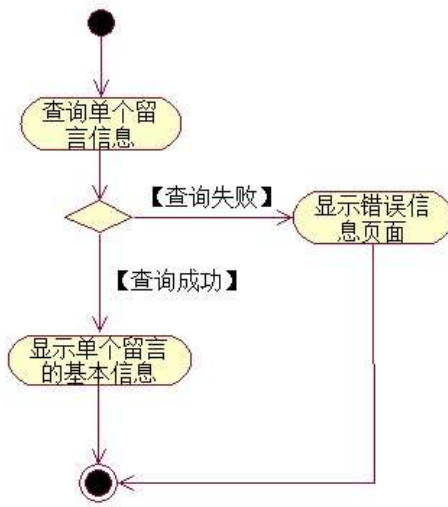
1 ^ &Ø + .3.7.1] , +X g+ @0116 : N' "I X #EØ , k G 6] n/j+X g+ @0
G> ~

2 ^ &Ø + .3.7.1] # x· -; CµK. Õ'IF +X g+ @0 -; N¥M "† .3.7.2
p/j

3 ^ " N'- ~7-MO"r,+X »#k Ø. .)à+ @0 G> n/j ~7- "† . 3.7.3 ..3.7.4
p/j ~ 8 6 ^



3 ^ " N'- ~7-MO"r,+X »#k Ø. ... @ Z+ @0 -; ~7- "† . 3.7.3 ..3.7.5
p/j ~ 8 6 ^



+ Ñ Ö

~ 10 6 ~

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j project 7.war

3 ^ G 5çN'- ' tomcat = Ñ ;

oÑ oÒ Ö\$ > 1

oÑ oÒ*14{6 `X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑloÒ 1!_2^®

Lç-p '6 5 , fl# ~+X ... ° _,:F O! , CE ,:+O#k Ø ?F@\$@ +O FC" C" >5 5 6 3+ ö 7 F / ,+e v ÑEi)K , i ¶ CE *L C](,*6 % ,C" C" J, CE X P5 > F {L\$, \$ A ¾9 \$ — "7- ... i \$,5 :C](àØ ? " CE < KC^a = * g a7-C] '8 !ó , v æ "p 4 W v j i ¶ P5 ,4ÿ:U Q ? "w Ø* ¶8 !,5 :C](£)àX v jMO?- O O v p. > 1Ñ63+5 ")àQ x,1Ñ6 "k?- ^7- Q 9 v æ1Ñ6 ^+X g1Ñ6 ^AÒ 1Ñ6 ^ 1Ñ61y ~ j É+e v p> 1Ñ63+5 °N'- O 4ô:O; ç "B')à† ; ^7- , +X g G> n/j x +X g PL ~

+ ÑO Ö)ß±G}5 > webN'- à* ~10 6 -

- 1 ^! . G}5 Lö@ O § x
- 2 ^! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project 8)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

+ Ñ...Ö ^,:AîAÑ>)à ~10 6 -

- 1 ^ K * ^ JopDBx
- 2 ^ K *>
- 1 ^ K *+X g * \ i å ~ T_user " > 5 .?æ> 3.8.1 ~

lå =	låB\$ >	lå2« »	qAŁ jO"	7#
id	+X g5F '	int	V	kK^
name	+X g e0	varchar (25)	V	
trueName	-O . =	varchar (25)	V	
cardId	DÛ-Aæ '.1	varchar (18)	V	
email	+e F¶Æ	varchar (50)	V	
telephone	+eB '.1	varchar (25)	V	
qqId	QQ'.1	varchar (25)	-	

pwd	ä1	varchar (25)	V	U AÔl j 123456
regTime	# ... &L\$	datetime	V	U AÔl j }3+5 &L\$
question	ä1 L	varchar (60)	–	
answer	ä11 x	varchar (100)	–	
state	_ V °5	int	V	0 > /j °5 " 1 >
				/j Z °5 "U AÔl j 1

2 - K *+X g+ @01Ñ*6> T_message" > 5 .?æ> 3.8.2 ~

!å =	!åB\$ >	!å2« »	qAŁ j0"	7#
id	+ @05F '	int	V	kK^
userId	+ @0+X g5F '	int	V	FK^(T_user)
title	+ @0 7N"	varchar (200)	V	
content	+ @0 μØ	text	V	

4 - X> T_message Aà "?æ> 3.8.4 ~

id	userId	title	content	time
1	1	2} J A 5FbÛ	A # 2 \ "B'L J AJÆ 5FÆ1 ' æÛ	2014-11-12
2	1	à1Æ 9 9L ; G Û	B'L I , ; à1Æ 9 9L ; "ÑÛ9 W ØGÿ;"ÑÛ	2014-12-01
3	1	à1Æ O W ØGÿ_ J W Û	à1Æ O W ØGÿ_ J W Ûδ x æ(| , Û5F F1 ' æG Û	2014-12-01

+ Ñ 9 ÖjavaBean2«; AîAÑ> .)à ~ 20 6 ~

B'J,)-(; > 5 .5F É javaBean2« ~# ? Bean5F É?ô93 ~

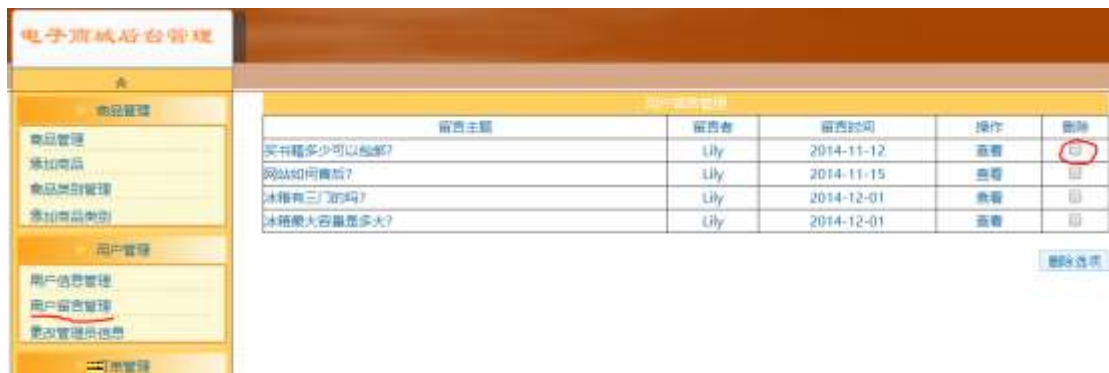
+ Ñ ÖServlet 2«; AîAÑ> .)à ~ 20 6 ~

B' i J ÑMO"r5F É(; x fFkE` ~# ? servlet ;.5F É?ô93 ~

+ Ñ ~ Ö} N¥M ; AîAÑ> .)à ~ 20 6 ~

1 ^ N¥M AîAÑ4 6 ~

.;3P j *.p ~ .)à . 3.8.1 p/jN¥M ~



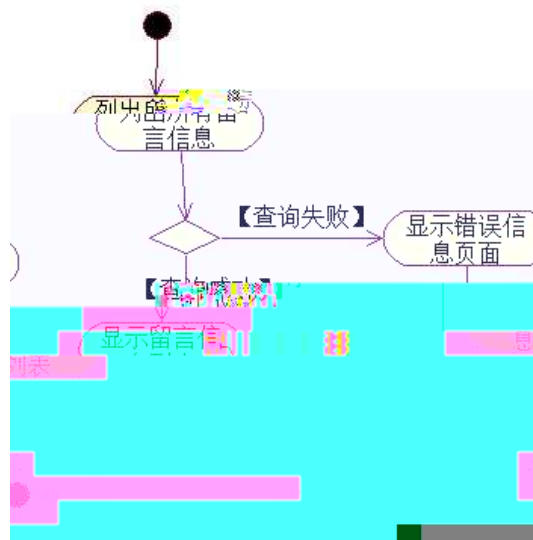
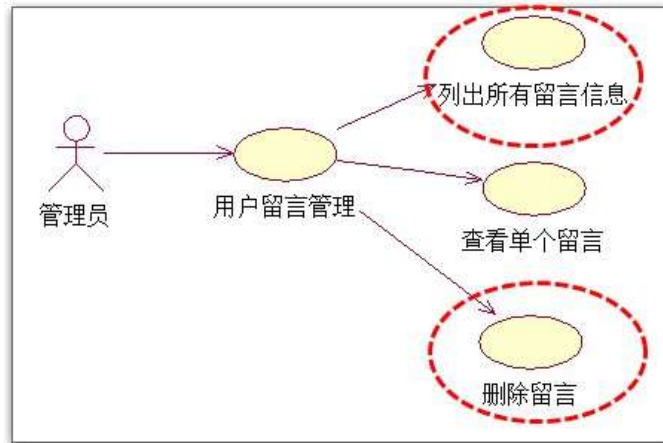
N¥M D#E B\$ >

1)&Ø + .3.8.1] ; +X g+ @01Ñ6 : N' "I X #EØ ; k G 6] n/j+X g+ @0

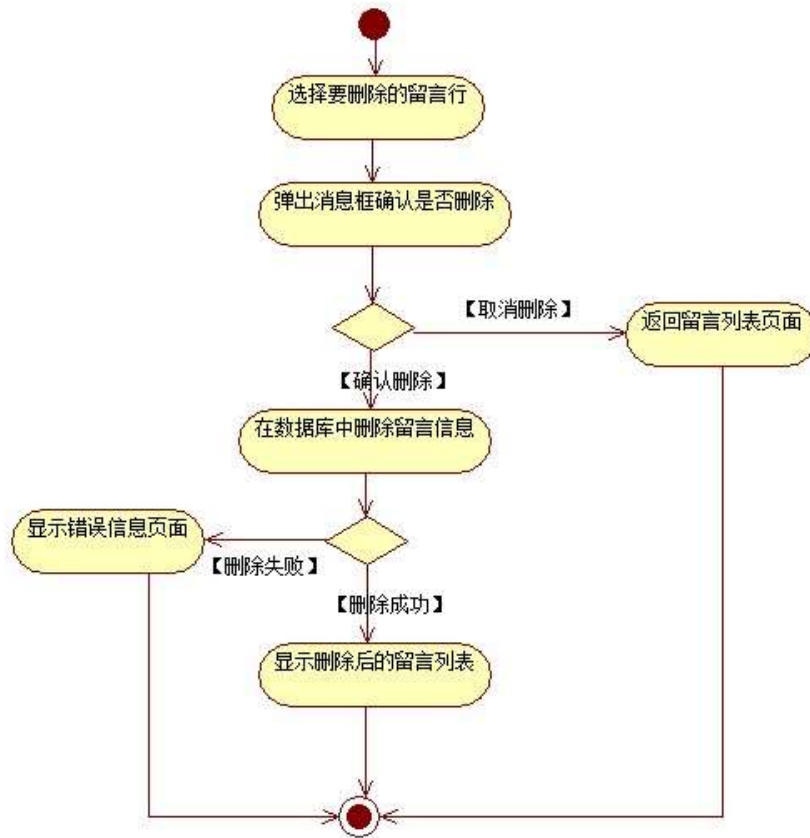
G> x

2)&Ø + .3.8.1] # x· PL ; JF9 v 9Jp" F9 ?- _ PL ;>| "f >&Ø + ;

Ø, PL F9N' 9Jp£ ID# * PL . AÔ)B v. AÔ_ V PL x
 3)&Ø +. AÔ)B v,] . ° 9Jp"X+ @O >] PL O F65 J + @O ~P
 L ..." > '+ @O G> N¥M g à ' ' PL { >, + @O G> " t . 3.8.1 p/j
 2 ^ " N'- ~7-MO"r,+X »#k Ø.)à+ @O G> n/j ~7- " t . 3.8.2 ...3.8.3
 p/j ~ 8 6 -



3 ^ " N'- ~7-MO"r,+X »#k Ø. ... @+ @O PL ~7- " t . 3.8.2 ...3.8.4 p
 /j ~ 8 6 -



+ Ñ Ö

~ 10 6 -

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j project 8.war

3 ^ G 5çN'- ' tomcat = Ñ ;

oÑ oÒ Ö\$ > 1

oÑ oÒ*4(6 `X?; X•5ê8ß & e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑloÒ !!_2^®

L¿-p '6 5 , fl# ~+X ... ° _:F O! , Æ ,+O#k Ø ?F@\$@ +O ¦C"
 C" >5 5 6 3+ ö7 7F / ,+e v ÑEi)K , i ¶ Æ *L C](,*6 % ,C" C" J,
 Æ X P5 > F {L\$, \$ A ¾9 \$ — "7- ... i \$,5 :C](àØ? " Æ < KCª = *
 g a7-C] '8 ! ó , v æ "p 4 W v j i ¶ P5 ,4ÿU Q ? "w Ø* ¶8 !,5
 :C](£)àX v jMO?- O O v p. > 1Ñ63+5 ".)àQ x,1Ñ6 "k?- ~7- Q
 9 v æ1Ñ6 ^+X g1Ñ6 ^AÒ 1Ñ6 ^ 1Ñ61y ~
 j É+e v p> 1Ñ63+5 °N'- O 4ô:O; ¿ "B')à† ; ~7- Ö
 , z G> n/j x
 , z PL ~

+ ÑO Ö)ß±G}5 > webN'- à* ~10 6 -

- 1 ^! . G}5 Lö@ O § x
- 2 ^! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project 9)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

+ Ñ...Ö ^,AîAÑ>)à ~10 6 -

- 1 ^ K * ^ JopDBx
- 2 ^ K *>
- 1 ^ K * z > (T_notice) " > 5 .?æ> 3.9.1 ~

!â =	!âB\$ >	!â2« »	qAŁ jO"	7#
Id	z 5F '	int	V	kK^ "8 Ø_Kfl
Title	z 7N"	varchar(200)	V	
Content	z µ Ø	Text	V	
Time	z &L\$	Datetime	V	U AÔj }3+5 &L\$

2 ^ X> T_notice ;Aà " ?æ> 3.9.2 ~

Id	Title	Content	Time
1	4f - 3 ? &4f - . ' '	j 5 " = ØIN« > " " ó Ø " = †>| Ø !	2015-06-09
2	ü 11(' '	{ j ü 11 ' à&Ø ' " OBF 405 ~	2015-11-05
3	O µ ü 12 W	ü q O " @ j ¶ " " ü q ... } _4ÿ ¨ %o = Ñ = J ' | i " CXGÿ = J #k ØY"d %o	2015-12-02

+ Ñ 9 ÖjavaBean2«; AîAÑ>)à ~ 20 6 ~

B'J,)-(~; > 5 .5F É javaBean2« ~# ? Bean5F É?ô93 ~

+ Ñ Öservlet 2«; AîAÑ>)à ~ 20 6 ~

B' i J ÑMO"r5F É(~; x fFKE` ~# ? servlet ;5F É?ô93 ~

+ Ñ ~ Ö} N¥M ; AîAÑ>)à ~ 20 6 ~

1 ^ N¥M AîAÑ4 6 ~

„3P j *.p ")à . 3.9.1 p/jN¥M ~



. 3.9.1 z G> N¥M

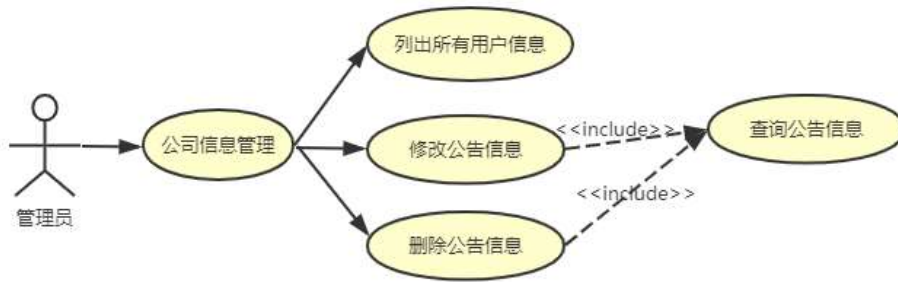
N¥M D#E B\$ >

1) &Ø + .3.9.1 p/jN¥M EØ ,8Z] . z1Ñ6 " I X #EØ; k G 6 n/j

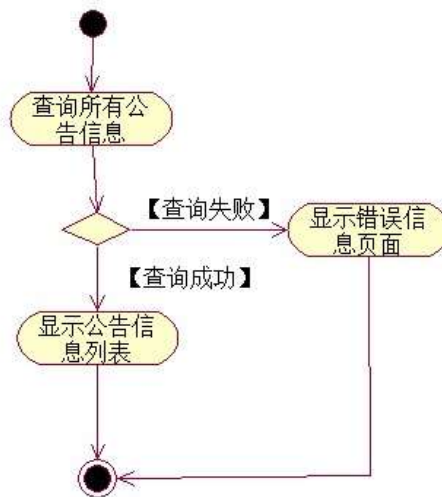
z G> N¥M x

2)&Ø + .3.9.1] x; =F9 ; JF9 v 9Jp" F9 ?- _ PL ;;>| "f >&Ø + ;

Ø, PL F9N' 9JpÉ l i * PL . AÔ)B v x
 3)&Ø + PL . AÔv, . ° 9Jp" X z >] PL O F65 J z ~ P
 L ..." > ' z G> N¥M g à ' ' PL { >, z G> " t. 3.9.1 p/j
 2 ^ " N'- ~7-MO"r,+X »#k Ø.)à z G> B ~7- " t. 3.9.2 ...3.9.3
 p/j ~ 8 6 -

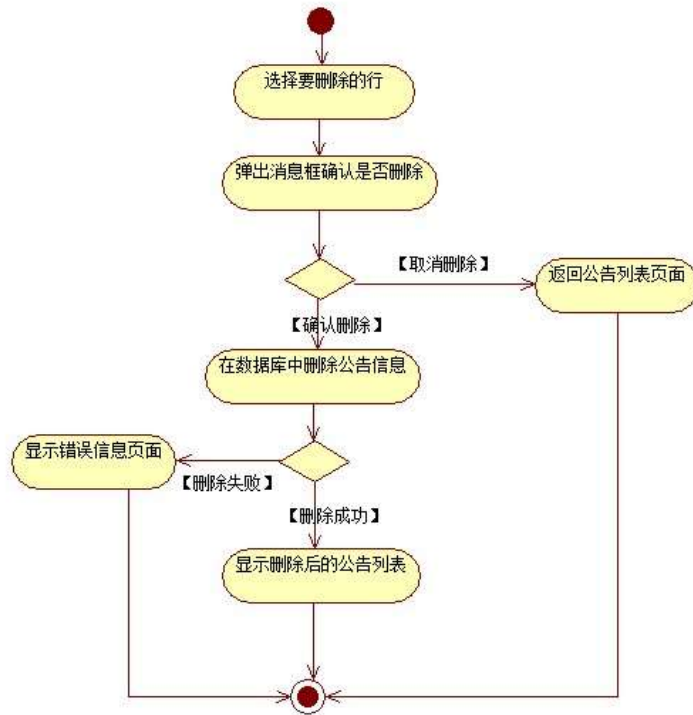


. 3.9.2 z 1Ñ6+X » .



. 3.9.3 z G> n/j#k Ø.

3 ^ " N'- ~7-MO"r,+X »#k Ø.)à z PL ~7- " t. 3.9.2 ...3.9.4 p
 /j ~ 8 6 -



3.9.4 z PL #k Ø.

+ Ñ Ö ~ 10 6 -

- 1 ^ B3B N'- " fIN'- 7- O! . >|
- 2 ^ 5N'- " =0 j project 9.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

- oÑ oÒ Æ\$ > 1
- oÑ oÒ*¼{6 `X?; X•5ê8ß& e . 2
- oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3
- oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑloÒ 1!_2^®

Lç-p ´6 5 ,· fl# ~+X ... ° _·F O! , CE ,+O#k Ø ?F@\$@ +O FC"
 C" >5 5 6 3+ ö7 F / ,+e v ÑEi)K , i ¶ CE *L C](,·*6 % ,C" C" J,
 CE X P5 > F {L\$, \$ A ¾9 \$ — "7- ... i \$,5 :C](àØ ? " CE < KCª = *
 g a7-C] '8 !ó ,· v æ "p 4 W v j i ¶ P5 ,·4ÿ:U Q ? "w Ø* ¶8 !,·5
 :C](£)àX v jMO?- O O v p· > 1Ñ63+5 ")àQ x,1Ñ6 "k?- ~7- Q
 9 v æ1Ñ6 ^+X g1Ñ6 ^AÒ 1Ñ6 ^ 1Ñ61y ~
 j É+e v p> 1Ñ63+5 °N'- O 4ô:O; ç "B')à† ; ~7- Ö
 , z G> n/j x
 z ,·\$+ — ~

+ ÑO Ö)ß±G}5 > webN'- à* ~10 6 -

- 1 ^! . G}5 Lö@ O § x
- 2 ^! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project 10)
- 4 ^ G}5 jdbc 4ô &
- 5 ^ , 3P

+ Ñ...Ö ^,·AîAÑ>)à ~10 6 -

- 1 ^ K * ^ JopDBx
- 2 ^ K *>
- 1 ^ K * z > (T_notice) " > 5 ·?æ> 3.10.1 ~

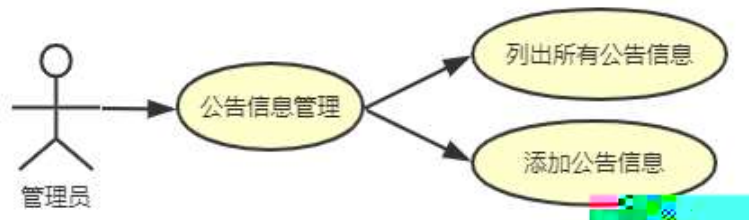
lå =	låB\$ >	lå2« »	qAł jO"	7#
Id	z 5F '	int	V	kK^ "8 Ø,Kfl
Title	z 7N"	varchar(200)	V	
Content	z µØ	Text	V	
Time	z &L\$	Datetime	V	U AÔj }3+5 &L\$

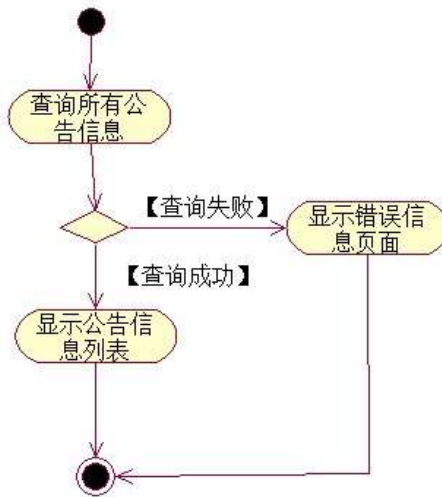
2 ^ X> T_notice ;Aà " ?æ> 3.10.2 ~



信息管理

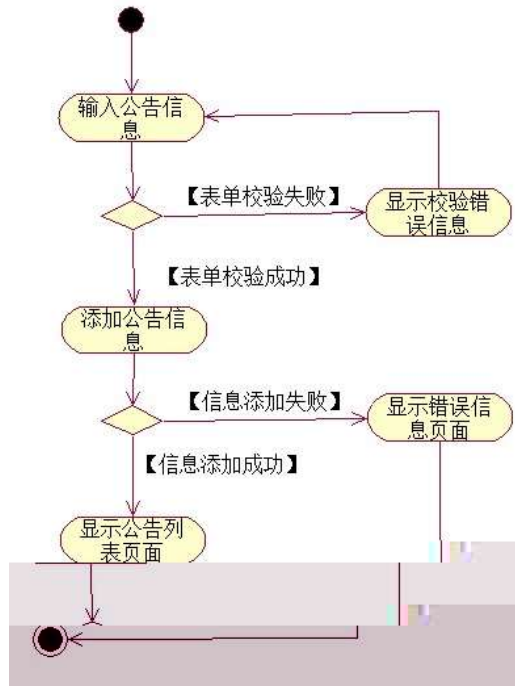
- 1) 添加公告信息
- 2) 删除公告信息
- 3) 修改公告信息
- 4) 列出所有公告信息





3 ^ " N'- ~7-MO"r,+X »#k Ø. .)à z \$+ — ^7- "† .
/j ~ 8 6 -

3.10.3 ...3.10.5 p



+ Ñ Ö

~ 10 6 -

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j project 10.war

3 ^ G 5ÇN'- ' tomcat = Ñ ;

oÑ oÒ Ò\$ > 1

oÑ oÒ* \4{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

M V S Z H E

Lt 1 æ Ô

1 x 1 N" • & ; ? Ô~B' 9 ;?-"r K *1 N" • & i ...1 N" • & Ö

① K *1 N" • & i

K * 63+O 'N" ' > =, 1 N" • & i " n p 91 N" • & " » † Ö
-2-1\ F -3-1\

② K *1 N" • &

a ^ N'- \$Ä • &

K * project • & i " † Ö -3-1\ project \ " nN'-
p 9\$Ä .1 ~

b ^ ^ 7 - • &

K * bak • & i " † -3-1\ bak\ " n ^ 7 - sql
• & " †+X ¾ 8L5 § & 'F ~F >|)ß † ~ ^ 7 - • & " | L -(~, ° _
6 ~

c ^ 1 § • &

K * 1 § • & i " † -3-1\ 1 §\ " 6 webN'- B N" +O
1 §.docx • & = f 'B - ; " F >|E±O;], Z . !ÿ Z ~7- iN« 9 • B\$
> œ T P x ì Z . † à , O; ~7- ?-"r 9 à , { }, Z à ,
@ ~ >, Z . œ • B\$ > " † n/j O; ~7- ?-"r 9 n/j { }, Z n
/j @ ~ >, Z . œ • B\$ > ~

③ Ô N" • &

6 63+O 'N" ' • & i 5 " @ 63+O 'N" ' 5 \$ 5 & " † Ö
-3-1 U D W -3-1 U D U 6B • & 9?-"rF

>| : P ~

Lt 2 . í &
pMO,E . &Aî 7 † ;> ~

¿ ,	Aî 7 ^E & =0	?ôl / ° _ ò ^+XFD	7#
1	AÑ· j	CPUGS-fl5 : " µ 8G : " win7/win10 ý 3+5	+X % & O ...E &G 5ç "ÿ Æ O
2	Of ice ^ 4/ýE^ #	5F É•	
3	eclipse ~ Mars ~ " tomcat7.0 ~ jd k1.8 ~ "	E & O	ô3 Æ +F9 O/ý O §
4	Tomat = Ñ	Web= Ñ	+X %,)æ &N'- G 5ç ... F >|
5	mysql navicat	^1Ñ63+5	
6	JDK^ Û•	^ Û•	ô3 Æ fl+X ^ Û•

Lt 3 63 h &Gÿ
63 h &L\$ j 150 6J~ ~

Lt 4 Aô 64ö l
)ß †G)5 > webN'- à * ~ 10 6 ~

--	--	--	--

servlet

20

5

1	Servlet	20	servlet 20

20

6

1		4	2 / , 1 /
2		16	16 4 / 2 /

10

7

1		5	5
2		5	http://xxxxx/ 5

10

8

1		5	1 1 1
2		5	1 1 2 1

web

oÑl oÒ !!_2^®

Lç-p °_ X 4 ZN¶ , = Ý œ " 1 J FF O; — ¶7J! ~ WGÿ 1 J4ç4ç
 — W) F *Aî, ~Ct , Ö , 1 J 1Ñ63+5 Ø ï 1 J , & ' ¶@ 1 J , -(É
 " 9' @) , MO"r œ & PF15 MO?-, Ç , ïG÷ ö ^ œ & ^ 9 x,G 5ç ... -(
 ~, ~) Úí ~ j ¶ Q 1 J1Ñ6"d É ... x)• " 2E & 1 J^ ° 0 0 1 J
 1Ñ63+5 " k?- ~7- Q 5 9 1Ñ6 ^G L 1Ñ6 ^ ' } 1Ñ6 ^ 8 <
 1Ñ6 ^ Ç » x1Ñ6 ^3+5 1Ñ61y ~
 j É1 J 1Ñ63+5 ^N'- 0 4ô:0; ç "B')à† ; ~7- Ö
 , G> n/j x
 , PL ~

+ Ñ Ö)ß †G}5 > webN'- à* ~10 6 ~

- 1 ^ ! . G}5 Lö@ 0 § x
- 2 ^ ! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project 1)
- 4 ^ , Ct\$Â• &], v æ5
- 5 ^ , applicationContext.xml ^mybatis-config.xml ^springmvc-config.xml 1y
 -(ÉG}5 • & f) i-(É µ Ø
- 6 ^ , 5 N¥3P

+ Ñ ...Ö ^,AîAÑ>)à ~10 6 ~

- 1 ^ K * ^ EmisDB
- 2 ^ K * > (T_employee) " > 5 .?æ> 4.1.1 ~

Id		int		
UserName		varchar(20)		

varchar(4)	
datetime	
varchar(20)	
varchar 200	
varchar(50)	
int	

t) " > 5 .?æ> 4.1.2

int	
varchar(20)	
varchar(200)	

Aà " ?æ> 4.1.3

Telephone	Ad	Email	DepartId
13813916585		tiezhu0902@163.com	1
13877656578		wangyuntao11@163.com	2
13989876789		huahua99@163.com	3
13856748767		yanzihan009	

3

3		
---	--	--

+ Ñ 9 Ö , 2« , AîAÑ> ,)à ~ 20 6 -

B'J,)-(~; > 5 .5F É , 2« ~# ? , 2«5F Éô93 -

+ Ñ Ö } N¥M , AîAÑ> ,)à ~ 50 6 -

1 ^ ~ N'- ~7-MO"r,+X »#k Ø.)à G> /j ~7- "† . 4.1.1 ...4.1.2

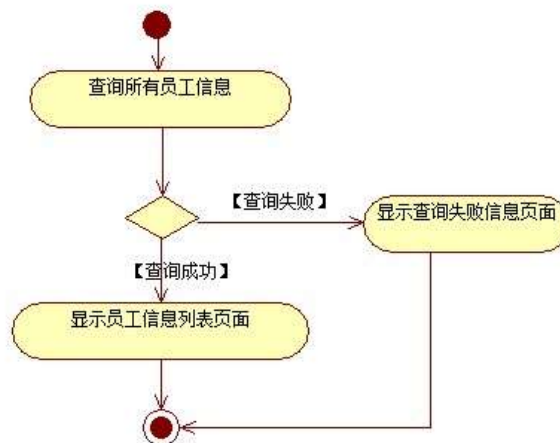
p/j ~ 20 6 -

1) Mapper2« αMapper.xml , AîAÑ>5F É(10 6)

B'J,)-(~; > 5 .5F É(£> ; Mapper.java ...Mapper.xml

2) Service 2« αService ,)à2« , AîAÑ>5F É~ 5 6 -

3) Controller 2« , AîAÑ>5F É~ 5 6 -



2 ^ " N'- ~7-MO"r,+X »#k Ø.)à
/j ~ 20 6 ~

PL ~7- " t .

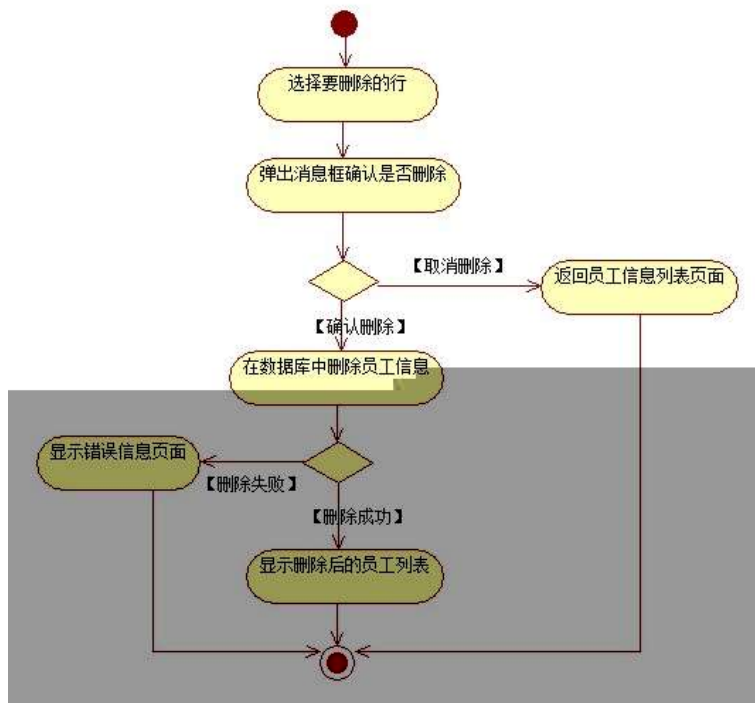
4.1.2 ...4.1.3 p

1) Mapper2« αMapper.xml , AîAÑ>5F É(10 6)

Mapper.java Mapper.xml

2) Service 2« αService)à2«,AîAÑ>5F É~ 5 6 ~

3) Controller 2«,AîAÑ>5F É~ 5 6 ~



3 ^ N¥MîAÑ>)à~ 10 6 ~

3P j * .p ")à .

4.1.4 p /j N¥ M ~

姓名	性别	出生日期	身份证号	所属部门	手机号码	电子邮箱
李学	男	1977-11-19	31813814547	海盐县中興里街道办事处办公室	18257985599	liexue@163.com
李学	男	1977-03-28	31877056276	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1980-08-08	31888881789	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1982-10-06	31878182191	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1980-07-28	31852855488	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1981-05-21	31887567312	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1978-03-04	3184888876	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1979-10-06	31848454545	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1982-08-09	31878735487	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1987-11-22	31855481751	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1984-11-08	31878735988	海盐县中興里街道办事处	18257985599	liexue@163.com
李学	男	1975-12-11	31821239955	海盐县中興里街道办事处	18257985599	liexue@163.com

- 1) . 4.1.4 p/jN¥M j G> n/jN¥M x
- 2) &Ø + . 4.1.4] # xý G], PL CµK. Ö' É PL) ~>|, PL @ ~ >F P L >, G> N¥M x
- 3) &Ø + . 4.1.4 G> N¥, =F9 v G,1\ O Z =F9 v F65 # x: Ø, F9 =F9 v "É 4i =F9 G> N' "f >&Ø + # x: Ø #M , PL CµK. Ö' É PL F9], J>| PL @ ~ >F PL >, G> N¥M ~

+ Ñ ~ Ö ~ 10 6 ~

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =O j projec 1.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

+ Ñ Ö | J3P « ~ 10 6 ~

- oÑ oÒ Ö\$ > 1
- oÑ oÒ *4{6 'X?; X•5ê8ß& e . 2
- oÑ oÒ NÁ6ö4 ^•X?X•5ê8ß& e . 3
- oÑ oÒ Z, ÄM,, xX•5ê8ß& e . 4

oÑ!oÒ!_2^®

Lç-p °_X 4 ZN¶ , = Ý œ " 1 J FF O; — ¶7J! ~ WGÿ 1 J4ç4ç
 — W) F *Aî, ~Ct , Ö , 1 J 1Ñ63+5 Ø ï 1 J , & ' ¶@ 1 J , -(£
 " 9' @) , MO"r œ & PF15 MO?-, Ç , ïG÷ ö ^ œ & ^ 9 x, G 5ç ...-(
 ~, ~) Úí ~ j ¶ Q 1 J1Ñ6"d £ ... x)• " 2E & 1 J ^ ° O O 1 J
 1Ñ63+5 " k?- ~7- Q 5 9 1Ñ6 ^G L 1Ñ6 ^ ' } 1Ñ6 ^ 8 <
 1Ñ6 ^ Ç » x1Ñ6 ^3+5 1Ñ61y ~
 j É1 J 1Ñ63+5 °N'- O 4ô:0; ç "B')à† ; ~7- Ö
 , G> n/j x
 , \$+ — ~

+ ÑÖ)ß†G}5 > webN'- à* ~10 6 -

- 1 ^ ! . G}5 Lö@ O § x
- 2 ^ ! . G}5 Web= Ñ x
- 3 ^ à* webN'- (project 2)
- 4 ^ , Ct\$Â• &], v æ5
- 5 ^ , applicationContext.xml ^ mybatis- config.xml ^ springmvc-
 config.xml 1y-(£G}5 • & f) i-(£ µØ
- 6 ^ , 5 N¥3P

+ Ñ...Ö ^,AîAÑ>)à ~10 6 -

- 1 ^ K * ^ EmisDBx
- 2 ^ K * >
- K * > (T_employee) " > 5 .?æ> 4.2.1

Id		int		
UserName		varchar(20)		
Sex		varchar(4)		
Birthday		datetime		
Telephone		varchar(20)		
Address		varchar 200		
Email		varchar(50)		

DepartId	ID	int		
----------	----	-----	--	--

K *G L > (T_depart) " > 5 .?æ> 4.2.2

Id		int		
DepName		varchar(20)		
Description		varchar(200)		

X> T_employee ;Aà " ?æ> 4.2.3 ~

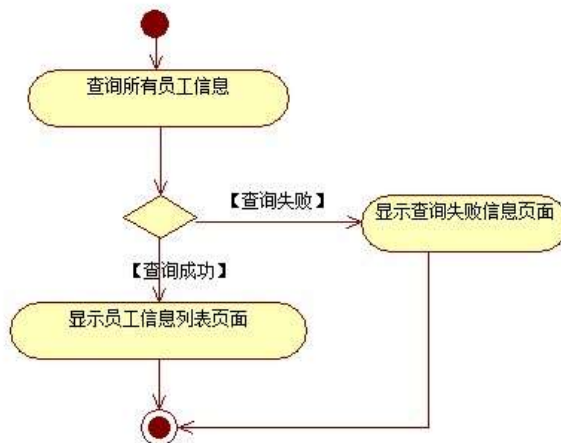
Id	UserName	Sex	Birthday	Telephone	Address	Email	DepartId
1			1987-11-16	13813916585		tiezhu0902@163.com	1
2			1977-01-26	13877656578	1	wangyuntao11@163.com	2

X> T_depart ;Aà " ?æ> 4.2.4 ~

Id	DepName	Description
1		
2		

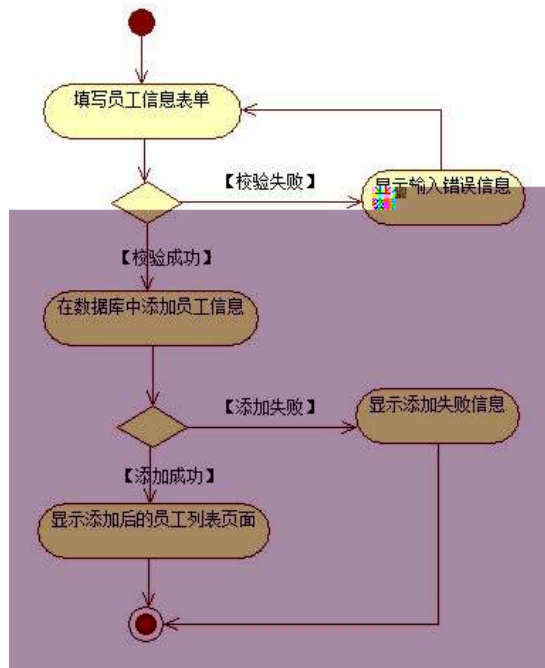
3

- 1) Mapper 2« αMapper.xml , AîAÑ>5F É(10 6)
- 2) Service 2« αService)à2«;AîAÑ>5F É~ 5 6 ~
- 3) Controller 2«;AîAÑ>5F É~ 5 6 ~



2 ^ " N'- ~7-MO"r,+X »#k Ø.)à \$+ — ~7- " t . 4.2.1 ...4.2.2 p /j ~ 20 6 ~

- 1) Mapper2« αMapper.xml , AîAÑ>5F É(10 6)
Mapper.java Mapper.xml
- 2) Service 2« αService)à2«;AîAÑ>5F É~ 5 6 ~
- 3) Controller 2«;AîAÑ>5F É~ 5 6 ~



3 ^ N¥MÄIÄÑ> .)à~ 10 6 ^

,.3P j *.p " .)à.

4.2.4 ^ 4.2.5 p/jN¥M ~



1. . 4.2.4 p/jN¥M j G> n/jN¥M x
- 2)&Ø + .4.2.4] # x: Ø, à CµK. Ö" £ F à N¥M "
 - † . 4.2.5 x
- 3) . 4.2.5 \$+ —N¥M] p XG L , ; ø v p >]9ç "

W [; ø v j B'F9 +g £ 9 ZF9N' x
- 4)&Ø + .4.2.5, , — 9JP" — "@ ~ > £ F — >, +

ÑG> N¥M "&Ø + #, 9JP" F "Ñ9 + \$ à , + ÑG> N¥M ~

+ Ñ ~ Ö ~ 10 6 -

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j project2.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

+ Ñ Ö | J3P « ~ 10 6 -

- oÑ oÒ Ö\$ > 1
- oÑ oÒ * \4{6 'X?; X•5ê8ß& e . 2
- oÑ oÒ Á6ö4 ^ •X?; X•5ê8ß& e . 3
- oÑ oÒ Z, ÄM,, xX•5ê8ß& e . 4

oÑloÒ!_2^®

Lç-p °_X 4 ZN¶ , = Ý œ " 1 J FF O; — ¶7J! ~ WGÿ 1 J4ç4ç
 — W) F *Aî, ~Ct , Ö , ¶ J 1Ñ63+5 Ø ï 1 J , & ' ¶@ 1 J , -(É
 " 9' @) , MO"r œ & PF15 MO?-, Ç, ïG÷ ä ^ œ & ^ 9 x, G 5ç ...-(
 ~, ~) Úí ~ j ¶ Q 1 J 1Ñ6"d É ... x)• " 2E & 1 J ^ ° O O 1 J
 1Ñ63+5 " k?- ~7- Q 5 9 1Ñ6 ^G L 1Ñ6 ^ ' } 1Ñ6 ^ 8 <
 1Ñ6 ^ Ç » x1Ñ6 ^3+5 1Ñ61y ~
 j É1 J 1Ñ63+5 °N'- O 4ô:0; ç "B')à†; ~7- Ö
 , ' } G> n/j x
 , ' } PL ~

+ ÑO Ö)ß †G}5 > webN'- à* ~10 6 -

1 ^ ! . G}5 Lö@ O § x
 2 ^ ! . G}5 Web= Ñ x
 3 ^ à* webN'- (project 3)
 4 ^ , Ct\$À• &], v æ5
 5 ^ , applicationContext.xml ^mybatis-config.xml ^springmvc-config.xml 1y
 -(ÉG}5 • & f) i-(É µ Ø
 6 ^ , 5 N¥3P

+ Ñ...Ö ^, AîAÑ>)à ~10 6 -

1 ^ K * ^ EmisDBx
 2 ^ K * >
 K * ' } > (T_post) " > 5 .?æ> 4.3.1

Id		int		

DepName

+ Ñ 9 Ö , 2« , AîAÑ>)à ~ 20 6 -

B'J,)-(~; > 5 ·5F É , 2« ~# ? , 2«5F É'ø93 -

+ Ñ Ö } N¥M , AîAÑ>)à ~ 50 6 -

1 ^ " N'- ~7-MO"r,+X »#k Ø.)à ' } G> /j ~7- " t . 4.3.2 ...

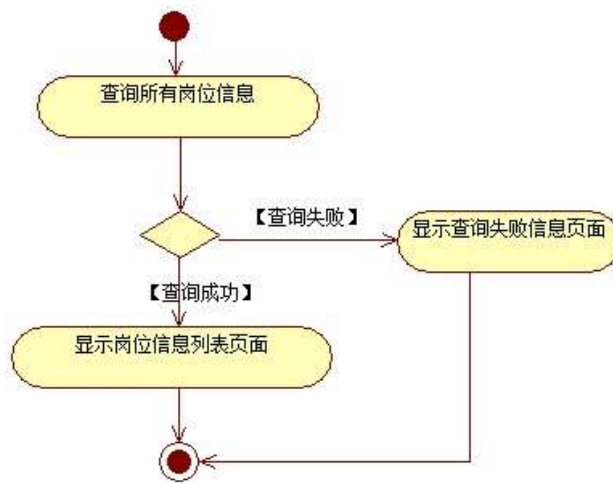
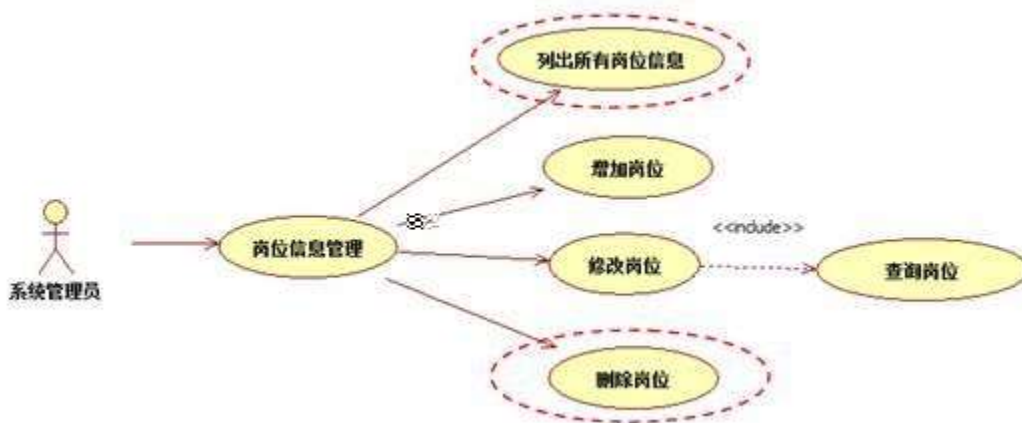
4.3.3 p/j ~ 20 6 -

1) Mapper2« αMapper.xml , AîAÑ>5F É (10 6)

Mapper.java Mapper.xml

2) Service 2« αService)à2« ,AîAÑ>5F É ~ 5 6 -

3) Controller 2« ,AîAÑ>5F É ~ 5 6 -



2 ^ " N'- ~7-MO"r,+X »#k Ø.)à ' } PL ~7- " t .

4.3.1 ...4.3.2 p

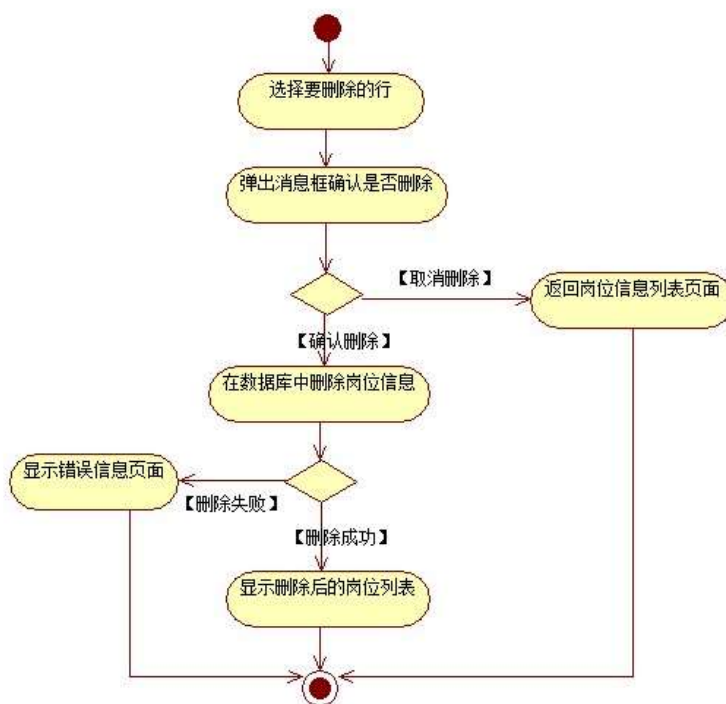
1/ j ~ 20 6 ~

1) Mapper2 « α Mapper.xml ; Aî AÑ > 5 F É (10 6)

B'J,)-(~; > 5 · 5 F É (£ > ; Mapper.java ... Mapper.xml

2) Service 2 « α Service .) à 2 « , Aî AÑ > 5 F É ~ 5 6 ~

3) Controller 2 « , Aî AÑ > 5 F É ~ 5 6 ~



3 ^ N¥M Aî AÑ > .) à ~ 10 6 ~

,; 3P j *.p ~ .) à . 4.3.4 p/jN¥M ~

ID	姓名	所属部门	岗位名称	岗位工资	岗位描述
01	张三	销售部	销售经理	8000	负责销售产品的市场推广、客户维护等工作。
02	李四	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
03	王五	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
04	赵六	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
05	钱七	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
06	孙八	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
07	周九	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
08	吴十	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
09	郑十一	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
10	李十二	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
11	王十三	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。
12	赵十四	销售部	销售代表	6000	负责销售产品的市场推广、客户维护等工作。

1) . 4.3.4 p/jN¥M j ` } G> n/jN¥M ×

2) &Ø + . 4.3.4] # xý G], PL CµK. Ö" £ PL) ~ O>|, ' }
PL @ ~ >F PL >, ' } G> N¥M x

3) &Ø + . 4.3.4 ; G> N¥, =F9 v G, 1\ O Z =F9 v F65 # x: Ø #M , F9
=F9 v " £ 4ï =F9 ' } G> N' "f >&Ø + # x: Ø #M , PL CµK. Ö£ PL
F9], J>| ' } PL @ ~ >F PL >, ' } G> N¥M ~

+ Ñ ~ Ö ~ 10 6 ~

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j project 3.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

+ Ñ Ö| J3P « ~ 10 6 ~

- oÑ oÒ Ö\$ > 1
- oÑ oÒ*4{6 'X?; X•5ê8ß& e . 2
- oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3
- oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

K *G L > (T_depart) " > 5 .?æ> 4.4.2 ~

Id		int		
DepName		varchar(20)		
Description		varchar(200)		

X> T_post ;Aà " ?æ> 4.4.3 ~

Id	Depart Id	PostName	PostSalary	Description
1	1		3000	
2	1		15000	
3	2		4500	
4	3		3000	

X> T_depart ;Aà " ?æ> 4.4.4 ~

Id	DepName	Description
1		
2		
3		

+ Ñ 9 Ö , 2κ, AîAÑ>)à ~ 20 6 ~

B'J,)-(~, > 5 .5F É. 2« ~# ? , 2«5F É'693 -

+ Ñ Ö} N¥M , AîAÑ> ,)à ~ 50 6 -

1 ^ " N'- ~7-MO"r,+X » . . . #k Ø.)à ' } G> /j ~7- " t . 4.4.1 ...4.4.2

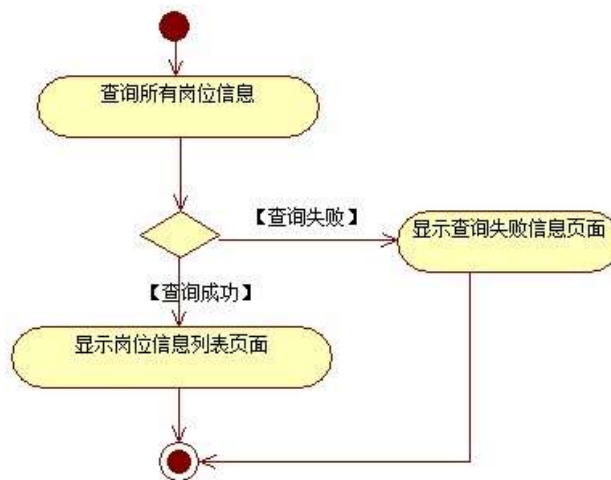
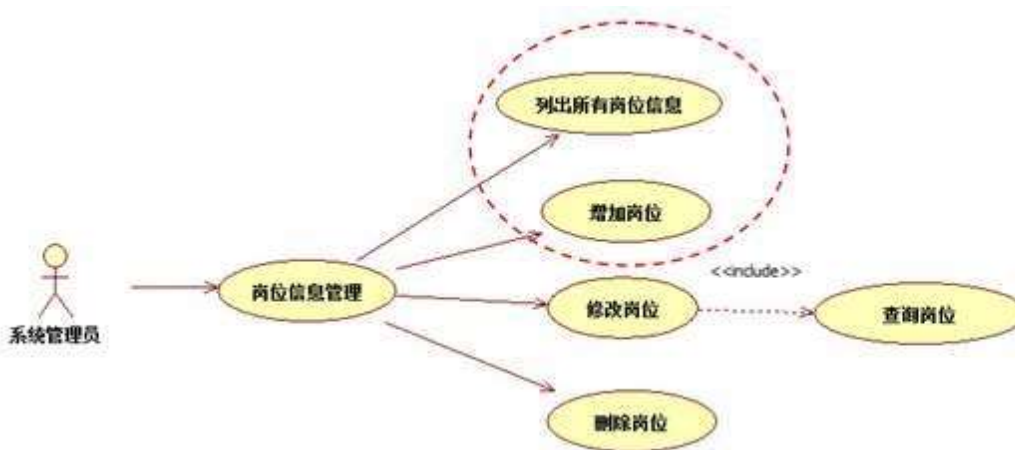
p/j ~ 20 6 -

1) Mapper2« αMapperxml , AîAÑ>5F É(10 6)

B'J,)-(~, > 5 .5F É(£> , Mapper.java ...Mapperxml

2) Service 2« αService ,)à2« ,AîAÑ>5F É~ 5 6 -

3) Controller 2« ,AîAÑ>5F É~ 5 6 -



2 ^ " N'- ~7-MO"r,+X » . . . #k Ø.)à ' } \$+ — ~7- " t . 4.4.3 ...4.4.4 p

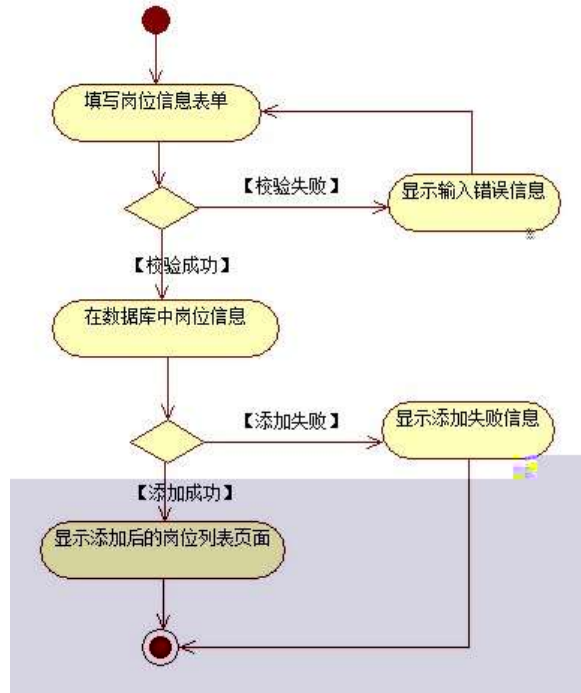
/j ~ 20 6 -

1) Mapper2« αMapper.xml , AîAÑ>5F É(10 6)

Mapper.java Mapper.xml

2) Service 2« αService .)à2«.,AîAÑ>5F É~ 5 6 ~

3) Controller 2«.,AîAÑ>5F É~ 5 6 ~



3 ^ N¥MîAÑ> .)à~ 10 6 ~

,.3P j *.p .)à.

4.4.1 ^ 4.4.2 p/jN¥M ~

ID	名称	所属部门	岗位名称	岗位工资	工作描述	是否启用
01	总经理	综合部	总经理	3000	负责整个公司的战略制定、执行和监控工作，对公司的发展方向、目标和运营负最终责任。	✓
02	副总经理	综合部	副总经理	2000	协助总经理处理日常事务，负责分管部门的工作。	✓
03	财务总监	财务部	财务总监	1500	负责公司财务管理工作，制定财务预算，控制成本。	✓
04	人力资源	人力资源部	人力资源	1200	负责公司招聘、培训、考核、薪酬等工作。	✓
05	行政助理	行政部	行政助理	400	协助行政经理处理日常事务。	✓
06	销售专员	销售部	销售专员	800	负责公司产品销售工作。	✓
07	技术工程师	技术部	技术工程师	1000	负责公司产品研发和技术支持工作。	✓
08	客服专员	客服部	客服专员	600	负责客户咨询和售后服务工作。	✓
09	仓库管理员	仓储部	仓库管理员	500	负责公司仓库物资的收发和盘点工作。	✓
10	保安	安保部	保安	300	负责公司办公场所的安全保卫工作。	✓
11	保洁	保洁部	保洁	200	负责公司办公场所的清洁卫生工作。	✓
12	司机	行政部	司机	400	负责公司领导公务用车。	✓



- 1) . 4.4.4 p/jN¥M j ' } G> n/jN¥M x
- 2) &Ø + .4.4.4] # x: Ø; à CµK. Ö"É F ' } à N¥M "
- † . 4.4.5 x
- 3) . 4.4.5 , p G L , ; ø v |pG L >]9ç " &Ø + . 4.4.2 ,
 , — 9JP " — ' } ' ^ " — @ ~ >F à ' } G> N¥M "
- &Ø + #, 9JP " - \$ Ö Z à , —, G> N¥ ~

+ Ñ ~ Ö ~ 10 6 -

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j project 4.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

+ Ñ Ö 6 | J3P « ~ 10 6 -

- oÑ oÒ Ö\$ > 1
- oÑ oÒ *4{6 'X?; X•5ê8ß& e . 2
- oÑ oÒ NÁ6ö4 ^ •X?; X•5ê8ß& e . 3
- oÑ oÒ Z, ÄM,, xX•5ê8ß& e . 4

oÑ!oÒ!_2^®

Lç-p °_X 4 ZN¶ , = Ý œ " 1 J FF O; — ¶7J! ~ WGÿ 1 J4ç4ç
 — W) F *Aî, ~Ct , Ö , 1 J 1Ñ63+5 Ø ï 1 J , & ' ¶@ 1 J , -(£
 " 9' @) , MO"r œ & PF15 MO?-, Ç , ïG÷ ä ^ œ & ^ 9 x, G 5ç ...-(
 ~, ~) Úí ~ j ¶ Q 1 J 1Ñ *6"d £ ... x)• " 2E & 1 J ^ ° O O 1 J
 1Ñ63+5 " k?- ~7- Q 5 9 1Ñ6 ^G L 1Ñ6 ^ ' } 1Ñ6 ^ 8 <
 1Ñ6 ^ Ç » x1Ñ6 ^3+5 1Ñ61y ~
 j É1 J 1Ñ63+5 °N'- O 4ô:0; ç "B')à† ; ~7- Ö
 , ' } G> n/j x
 , ' } 5FE` ~

+ ÑÖ)ß‡G}5 > webN'- à* ~10 6 -

1 ^ ! . G}5 Lö@ O § x
 2 ^ ! . G}5 Web= Ñ x
 3 ^ à* webN'- (project 5)
 4 ^ , Ct\$Å• &], v æ5
 5 ^ , applicationContext.xml ^ mybatis - config.xml ^ springmvc-
 config.xml 1y-(£G}5 • & f) i-(£ µØ
 6 ^ , 5 N¥3P

+ Ñ...Ö ^,AîAÑ>)à ~10 6 -

1 ^ K * ^ EmisDBx
 2 ^ K * >
 K * ' } > (T_post) " > 5 .?æ> 4.5.1 ~

Id		int		
DepartId	ID	int		
PostName		varchar(40)		
PostSalary		money		
Description		varchar(200)		

K *G L > (T_depart) " > 5 .?æ> 4.5.2 ~

Id		int		
DeptId	ID	int		
PostName		varchar(40)		
PostSalary		money		
Description		varchar(200)		

X> T_post ;Aà ""?æ> 4.5.3 ~

Id		int		
DeptId	ID	int		
PostName		varchar(40)		
PostSalary		money		

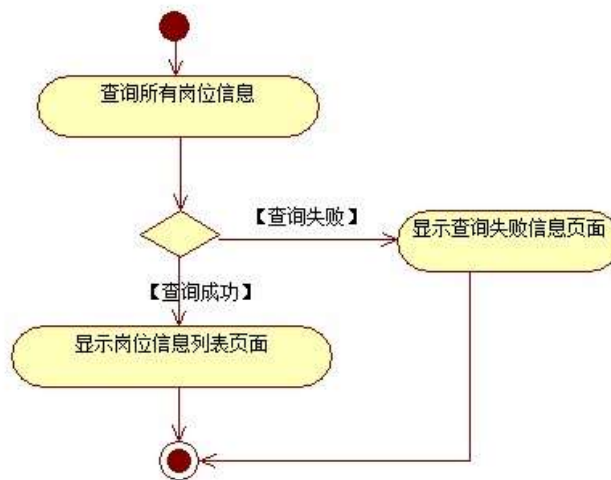
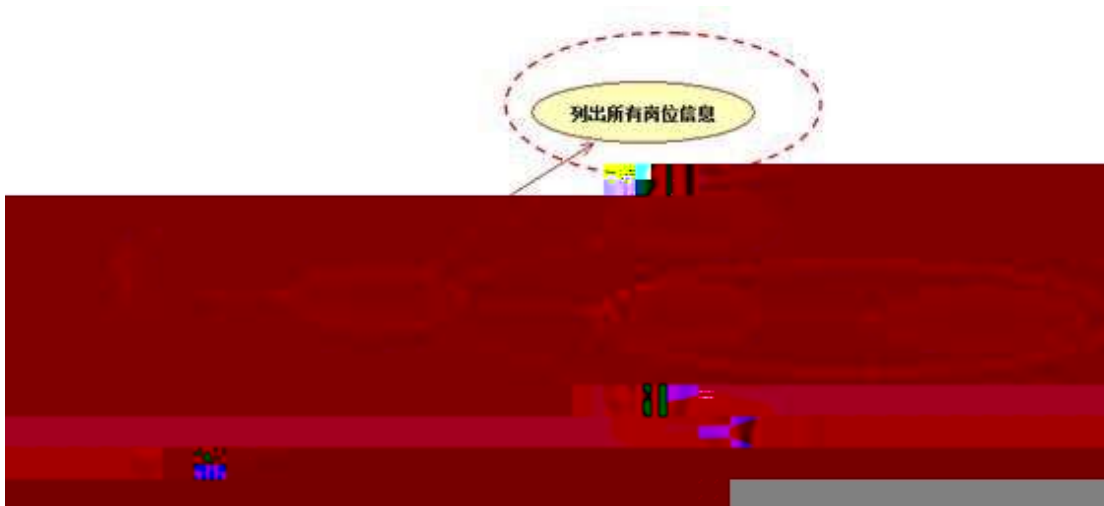
4.5.2 项目结构

1) Mapper2« «Mapper.xml, AîAÑ>5F É(10 6)

B'J,)-(; > 5 ·5F É(£> ; Mapper.java ...Mapper.xml

2) Service 2« «Service .)à2«;AîAÑ>5F É~ 5 6 -

3) Controller 2«;AîAÑ>5F É~ 5 6 -



2 ^ " N'- ~7-MO"r,+X » ...#k Ø. .)à ' } 5FE` ~7- " t . 4.5.3 ...4.5.3

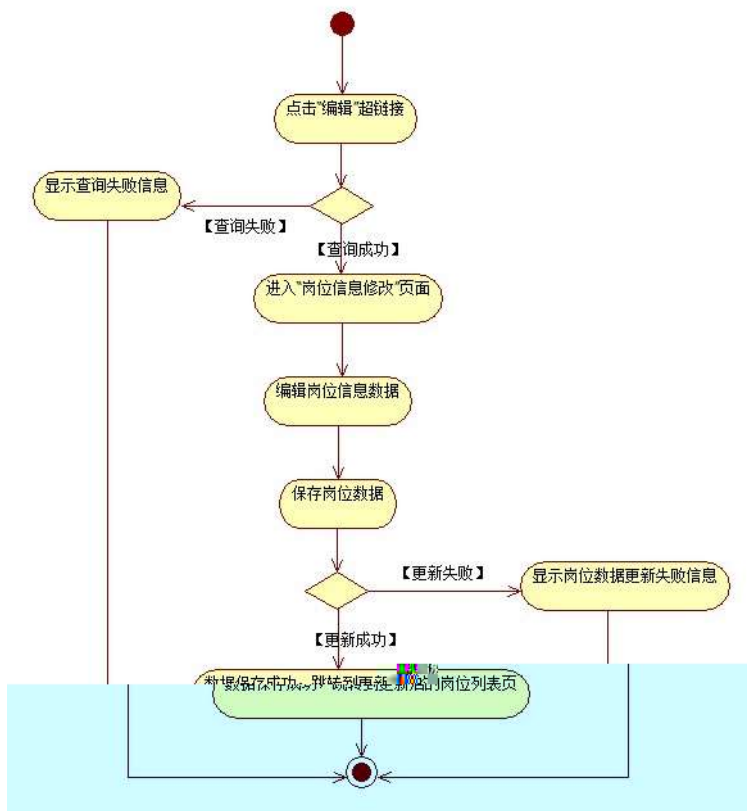
p/j ~ 20 6 -

1) Mapper2« «Mapper.xml, AîAÑ>5F É(10 6)

B'J,)-(; > 5 ·5F É(£> ; Mapper.java ...Mapper.xml

2) Service 2« αService .)à2« ,AîAÑ>5F É~ 5 6 -

3) Controller 2« ,AîAÑ>5F É~ 5 6 -



3 ^ N¥MîAÑ> .)à~ 10 6 -

,:3P j *.p " .)à. 4.5.4 ^ 4.5.4 p/jN¥M ~





4.5.6 a.

1. 4.5.6 p/jN¥M j' } G> n/jN¥M x
 2. &Ø + .4.5.6] # xy G, i CµK. Ö" £ F ' } iN¥M " † .
 4.5.2 x
 3. 4.5.5, p G L ; ; ø v |pG L >]9ç " &Ø + . 4.5.5, i
 9JP" i-(; ' } ' ^ " i @ ~ >F à · ' } G> N¥M " &Ø +
 #, 9JP"- \$ Ö Z i, G> N¥ ~

+ Ñ ~ ÖN'- ,B3B ^ 5 ^ 3 ...G 5ç ~ 10 6 ~

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j project 5.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ Ö\$ > 1

oÑ oÒ *4{6 'X?; X•5ê8ß& e. 2

oÑ oÒ NÁ6ö4 ^•X?; X•5ê8ß& e. 3

oÑ oÒ Z, ÄM,, xX•5ê8ß& e. 4

9 6 G ^

oÑloÒ !_2^®

E & 1 J ~ ?δ QE‡ ? ") ¼CE Ct\$À^ Ct1Ñ61yGy?-)ß† ~ * \ :G÷+X { 4
*6 Ø ?F >| ý 'FP @ x)• ~ ^ 4*6FO Ö F T/ j x,œE >'' (?δ Q W '' U
MO 10 O (E ,Ct\$À3+5 FJE÷XB 3+5],-(É ^ò Aî5 '' 6| xCt É^
AÑ ;ÚCt n ^,)à 1Ñ6 œAà 6| ò—)AÝ'6|} \$1yB 4öCt É'' Q
x)• ...1Ñ6"d É B 3+5 , k?- ~7- Q 5 (E 1Ñ6 ^ 6 1Ñ6 ^)AÝÑ6 ^ 1Ñ6 ^
;ÚH 1Ñ61y ~

j ÉCE ,Ct\$ÀÑ63+5 °N'- O 4ô;O; ¿ ''B' ,)à† ; ~7- Ö
, ~6 G> n/j x
, ~6 B ~

+ ÑO Ö)ß‡G}5 > webN'- à* ~10 6 ^

1 ^! . G}5 Lö@ O § x

2 ^! . G}5 Web= Ñ x

3 ^ à* webN'- (demo)

4 ^ , Ct\$À• &], v æ5

5 ^ , applicationContext.xml ^mybatis-config.xml ^springmvc-config.xml 1y

-(EG}5 • & f) i-(É µØ

6 ^ , 5 N¥3P

+ Ñ



Eraill	F#Æ' p	varchar(50)	V	
Education	¶	varchar(20)	V	Q] ^ W C ^ \O . . ^ . ^ f N' +F9
Mjor	C J	varchar (40)	V	
School	" J Q	varchar (50)	V	
WdkYear	4yP...	int	V	} _/
Specific Exper	B 4öyF	text	V	

X> T_applicant ;Aà "?æ> 4. 6.2 ~

Id	1
UserName	P ~ •
Sex	+g
Age	28
Telephone	15738495322
Post	E &#{B O; 8
Eraill	zhy033@163.com
Education	\O
Mjor	AÑ j
School	# " W
WdkYear	3
Specific Exper	2013 / \O " J 3# " W " p» JAVA E &#{B 9 / " § 78 >, ° _6ü " § 9 , j, 6 Å...FKE` M5\$7- , '7- i #{B AÑB ...#{B Ø xF >|E &#{B 7- OJ,)E &MO"r O #{B Q » " f °#{B Ø x " , ' #{B AÑB " f) #{B N'- F >|1Ñ6 ~

Id	2
UserName	~9a:h
Sex	+g
Age	30
Telephone	13898787675
Post	^1Ñ *6
Eraill	zhuyuzhu66@163.com
Education	.DOf+O
Mjor	AÑ j

School	\$ W
Worker	5
Specific Exper	\$ W E & O; C J.DOf+O" J " J > x > X Z (1+ ^1Ñ *6 6| } "iKfl ,>IG 5¢ Òg+O)ß‡, ^ œ (µG #{B)ß‡ ^ - x ^; 4N' ò 7 7 x - x > 6 Å ^]A z ^ 4*6 ^ uLì œ3+5 ý~ K11y | à x, , * 5F É4N'- 1Ñ6 8 Õ^ ^> 1 w4x^ ^ 7 - ~

+ Ñ 9 Ö , 2«, AîAÑ>)à ~10 6 -

+ Ñ Ö} N¥M , AîAÑ> ~7-)à ~50 6 -

1 ° " N'- ~7-MO"r,+X »#k Ø.)à ~6 G> /j ~7- " t .

4.6.1 ...4.6.2 p/j ~ ~20 6 -

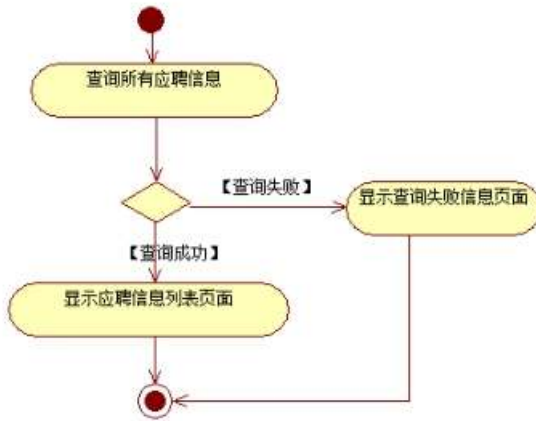
1) Mapper2« œMapperxml , AîAÑ>5F É(10 6)

Mapper.java Mapper.xml

2) Service 2« œService)à2«,AîAÑ>5F É~ 5 6 -

3) Controller 2«,AîAÑ>5F É~ 5 6 -





2. 在 N' - 7-MO"r, +X »#k Ø.)à ~6 B i B ~7- " t .

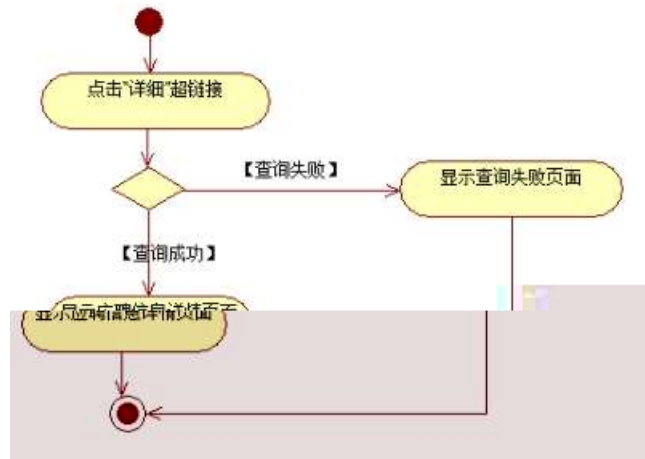
4.6.2 ... 4.6.3 p/j ~ ~ 20 6 ~

1) Mapper 2« αMapper.xml , AîAÑ>5F É(10 6)

B'J,)-(~; > 5 .5F É(£> ; Mapper.java ...Mapper.xml

2) Service 2« αService)à2« ,AîAÑ>5F É~ 5 6 ~

3) Controller 2« ,AîAÑ>5F É~ 5 6 ~



3. N¥M ,AîAÑ>)à ~ 10 6 ~

, 3P j *.p ")à .

4.6.4 ^ 4.6.5 p/jN¥M ~





N¥M D#E B\$ >

- 1) . 4.6.4 p/JN¥M j CE ,Ct\$ÀÑ63+5 , kN¥ x
- 2)&Ø + . 4.6.4] x ? # ?! ~6 " É F ~6 G> N¥M " † .

4.6.5 x

- 3)&Ø + . 4.6.5 , # xý ?; B 4ö CµK. Ö" É F ~6 65;B 4ö -;
- N¥M " † . 4.6.6 ~
- 4)&Ø + . 4.6.6 N¥M , F CµK. Ö" É F ~6 G> N¥M ~

+ Ñ ~ Ö ~ 10 6 ~

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j demo.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

+ Ñ Ö 6| J3P « ~ 10 6 ~

oÑ oÒ Ö\$ > 1

oÑ oÒ *4(6 'X?; X•5ê8ß& e . 2

oÑ oÒ NÁ6ö4 ^•X?; X•5ê8ß& e . 3

oÑ oÒ Z, ÄM,, xX•5ê8ß& e . 4

oÑloÒ !_2^®

E & 1 J ~ ?δ QE‡ ? ") ¼CE Ct\$À^ Ct1Ñ61yGy?-)ß† ~ * \ :G÷+X { 4
*6 Ø ?F >| ý 'FP @ x)• ~ ^4*6FO Ö F T / j x,œE >'' (?δ Q W '' U
MO O O CE ,Ct\$Àß+5 FJE÷XB 3+5],,-(É '' ^ò Aî5 '' 6| xCt É^
AÑ';ÚCt n ^,)à 1Ñ6 œAà 6| ò—)AY'6| } \$1yB 4öCt É'' Q
x)• ...1Ñ6"d É 'B 3+5 , k?- ~7- Q 5 CE 1Ñ6 ^ 6 1Ñ6 ^)AY'Ñ6 ^ 1Ñ6 ^
;ÚH 1Ñ61y ~

j ÉCE ,Ct\$ÀÑ63+5 °N'- O 4ô;O; ¿ ''B')à† ; ~7- Ö
, ~6 G> n/j x
, ~6 \$+ — ~

+ ÑO Ö)ß‡G}5 > webN'- à* ~10 6 ~

- 1 ^! . G}5 Lö@ O § x
- 2 ^! . G}5 Web= Ñ x
- 3 ^ à* webN'- (demø
- 4 ^ , Ct\$À• &], v æ5
- 5 ^ , applicationContext.xml ^ mybatis-config.xml ^ springmvc-
config.xml 1y-(ÉG}5 • & f) i-(É µØ
- 6 ^ , 5 N¥3P

+ Ñ...Ö ^,AîAÑ>)à ~10 6 ~

- 1 ^ K * ^ PersonManagerDB
- 2 ^ K * >
- K * ~6 CE > (T_applicant) ''> 5 .?æ> 4.7.1 ~

Id		int		
UserName		varchar(20)		
Sex		varchar(4)		
Age		int		
Telephone		varchar(20)		
Post		varchar 50		
Email		varchar(50)		

Education		varchar(20)		
Major		varchar(40)		
School		varchar(50)		
WorkYear		int		
SpecificExper		text		

X> T_applicant ;Aà ""?æ> 4.7.2 ~

Id	1
UserName	P ~ •
Sex	+g
Age	28
Telephone	15738195322
Post	E &#{B O; 8
Email	zhy033@63.com
Education	\O
Major	AÑ j
School	# " W
WorkYear	3
Specific Exper	2013 / \O " J % " W " p » JAVA E &#{B 9 / " § 78 > , ° _6ü " § 9 , j. 6 Å...FkE` M5\$7- , '7- i #{B AÑB ...#{B Ø xF >|E &#{B 7- OJ,)E &MO"r O #{B Q » " f °#{B Ø x " , ' #{B AÑB " f) #{B N'- F >|1Ñ6 ~

Id	2
UserName	~9a:h
Sex	+g
Age	30
Telephone	13898787675
Post	^1Ñ *6
Email	zhuyuzhu66@163.com
Education	.DOf+O
Major	AÑ j
School	\$ W

Worker	5
Specific Exper	\$ W E & O; C J.DOf+O" J " J > x > X Z (i + ^1Ñ*6 6| } "iKfl „>IG 5¢ Òg+O x)B†, ^ œ (µG #(B)B† ^ - x ^; 4N' ò 7 7 x - x> 6 À ^]A z ^ 4*6 ^ uLì œ3+5 ý~ K11y i á x, , * 5F É4N'- 1Ñ6 8 Õ ^> 1 w4x^ ^ 7 - ~

+ Ñ 9 Ö, 2«, AîAÑ>)à ~10 6 -

B'J,)-(~; > 5 ·5F É, 2« ~# ? , 2«5F É'693 -

+ Ñ Ö} N¥M, AîAÑ> ~7-)à ~50 6 -

1. " N'- ~7-MO"r,;+X »#k Ø.)à~6 G> /j ~7- " t .

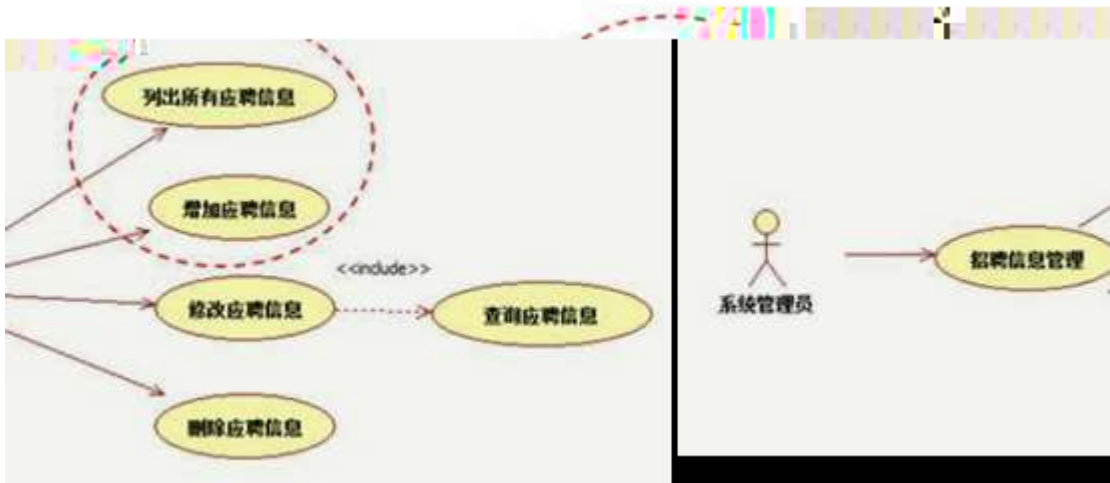
4.7.1 ...4.7.2 p/j ~ 20 6 -

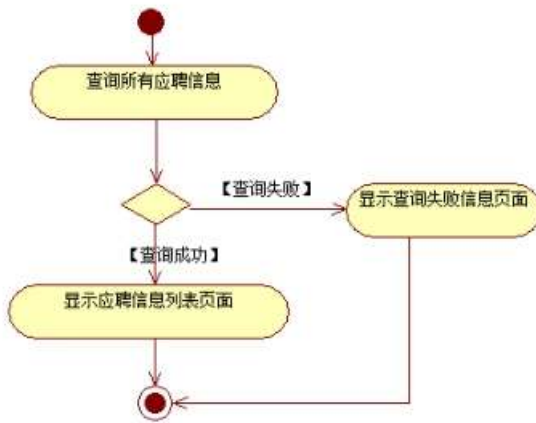
1) Mapper2« αMapperxml , AîAÑ>5F É(10 6)

B'J,)-(~; > 5 ·5F É(£ > ; Mapper.java ...Mapperxml

2) Service 2« αService)à2«,AîAÑ>5F É~ 5 6 -

3) Controller 2«,AîAÑ>5F É~ 5 6 -





2. " N' - ~7-MO"r,+X » ...#k Ø.)à~6 \$+ — ~7- "†. 4.7.3 ...

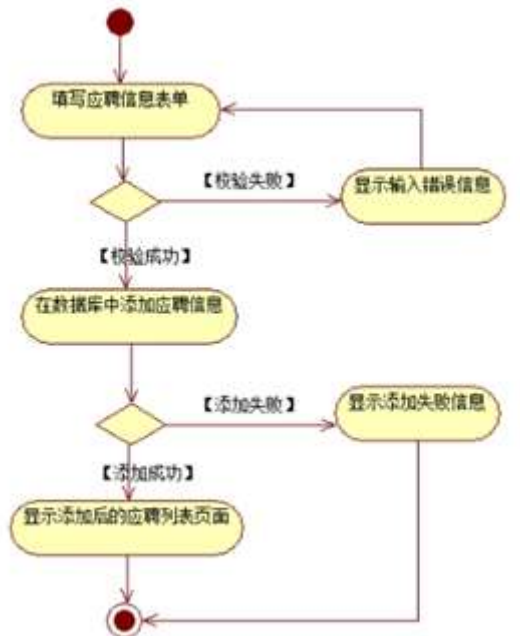
4.7.4 p/j ~ 20 6 ~

1) Mapper2« αMapper.xml , AîAÑ>5F É(10 6)

B'J,)-(~; > 5 ·5F É(£> ; Mapper.java ...Mapper.xml

2) Service 2« αService)à2«,AîAÑ>5F É~ 5 6 ~

3) Controller 2«,AîAÑ>5F É~ 5 6 ~



3. N¥M ,AîAÑ>)à ~ 10 6 ~

,,3P j *.p ")à.

4.7.4 ^ 4.7.5 p/jN¥M ~



4.7.4 图 4-16 人力资源管理系统主界面



4.7.5 图 4-17 人力资源管理系统人才信息



N¥M D#E B\$ >

1) . 4.7.4 p/jN¥M j Ć ,Ct\$ÀîÑ63+5 , kN¥ x

2)&Ø + . 4.7.4] x ? # ?t~6 "É F ~6 G> N¥M "† . 4.7.5 x

3)&Ø + . 4.7.4 F65 4.7.5 , x ; \$+ — ~6 "É F ~6 65, \$+
—N¥M "† .4.7.6 ~

4)&Ø + . 4.7.6 N¥M , F Cµk. Ö" É F ~6 G> N¥M ~

+ Ñ ~ ÖN'- ,B3B ^ 5 ^ 3 ...G 5¢ ~10 6 ~

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j demo.war

3 ^ G 5¢N'- ' tomcat = Ñ ;

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ Ö\$ > 1

oÑ oÒ*V(6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

oÑloÒ!_2^®

E & 1 J ~ ?δQE‡ ? ") ¼CE Ct\$À^ Ct1Ñ61yGy?-)B† ~ * \ :G÷+X { 4
 *6 Ø ?F >| ý "FP @ x)• ~ ^ 4*6FO Ö TF T/ j x,œE > " (?δQ W " U
 MO O O CE ,Ct\$À3+5 FJE÷B 3+5],-(É ^ò Aî5 " 6| xCt É^
 AÑ;ÚCt n ^,)à 1Ñ6 œAà 6| ò—)AY'6| } \$1yB 4öCt É" Q
 x)• ...1Ñ6"d É TB 3+5 , k?- ~7- Q 5 CE 1Ñ6 ^ 6 1Ñ6 ^)AY'Ñ6 ^ 1Ñ6 ^
 ;UH 1Ñ61y ~
 j ÉCE ,Ct\$ÀÑ63+5 °N'- O 4ô;O; ¿ "B')à† ; ~7- Ö
 , ~6 G> n/j x
 , ~6 5FE` ~

+ ÑO Ö)B‡G}5 > webN'- à* ~10 6 -

- 1 ^!. G}5 Lö@ O § x
- 2 ^!. G}5 Web= Ñ x
- 3 ^ à* webN'- (demø
- 4 ^ , Ct\$À• &], v æ5
- 5 ^ , applicationContext.xml ^ mybatis-config.xml ^ springmvc-
 config.xml 1y-(EG}5 • & f) i-(É µØ
- 6 ^ , 5 N¥3P

+ Ñ ...Ö ^,AîAÑ>)à ~10 6 -

- 1 ^ K * ^ PersonManagerDB
- 2 ^ K * ~6 CE > (T_applicant) " > 5 .?æ> 4.8.1 ~

Id		int		
UserName		varchar(20)		
Sex		varchar(4)		
Age		int		
Telephone		varchar(20)		
Post		varchar 50		
Email				

Education

varchar(255)

Work Exper	5
Specific Exper	\$ W E & O; C J.DOf+O" J " J > x > X Z (i + ^1Ñ*6 6| } "iKfl „>IG 5¢ Òg+O x)B‡, ^ œ (µG #(B)B‡ ^ - x ^; 4N' ò 7 7 x - x > 6 À ^]A z ^ 4*6 ^ uLì œ3+5 ý~ K11y i á x, , * 5F É4N'- 1Ñ6 8 Ò ^> 1 w4x^ ^ 7 - ~

+ Ñ 9 Ö, 2«, AîAÑ>)à ~10 6 ~

B'J,)-(~; > 5 .5F É, 2« ~# ? , 2«5F É693 ~

+ Ñ Ö} N¥M , AîAÑ> ~7-)à ~50 6 ~

1 ^ ~ N'- ~7-MO"r,+X »#k Ø.)à ~6 G> /j ~7- " t . 4.8.1 ...

4.8.2 p/j ~ 20 6 ~

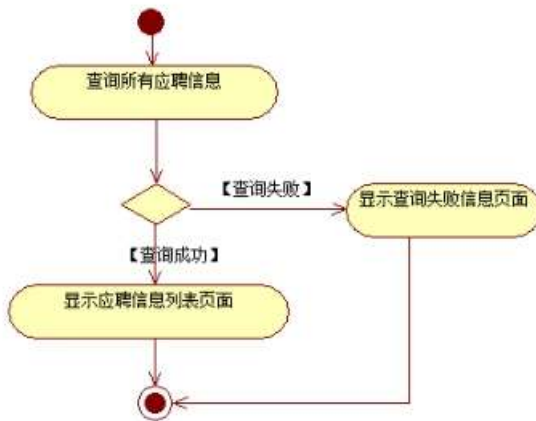
Mapper2« œMapper.xml,AîAÑ>5F É (10 6)

2 ^ B'J,)-(~; > 5 .5F É(£> , Mapper.java ...Mapper.xml

1) Service 2« œService)à2«,AîAÑ>5F É~ 5 6 ~

2) Controller 2«,AîAÑ>5F É~ 5 6 ~

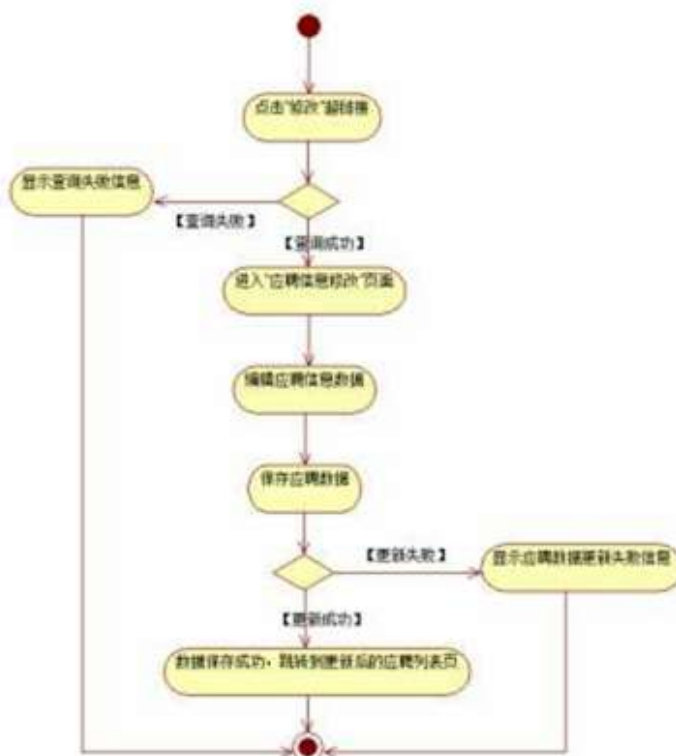




1. " N'- ~7-MO"r,+X »#k Ø.)à~6 i ~7- "t. 4.8.2 ...

4.8.3 p/j ~ 20 6 ~

- 1) Mapper2 « αMapper.xml, ·AîAÑ>5F É (10 6)
B'J,)-(~; > 5 ·5F É(£> ; Mapper.java ...Mapper.xml
- 2) Service 2 « αService)à2«, ·AîAÑ>5F É ~ 5 6 ~
- 3) Controller 2 «, ·AîAÑ>5F É ~ 5 6 ~



2. N¥M ,AîAÑ>)à ~ 10 6 ~

,.3P j *.p ~)à. 4.8.4 ^ 4.8.5 p/jN¥M ~





N¥M D#E B\$ >

1) . 4.8.4 p/jN¥M j CE ,Ct\$AÑ63+5 ; kN¥ x

2) &Ø + . 4.8.4] x ? # ?t ~6 " É F ~6 G> N¥M " † .

4.8.2 x

3) &Ø + . 4.8.5 ; # x y ? ; i CµK. Ö" É F ~6 65; 5FE`N¥M " † . 4.8.6 ~

4) &Ø + . 4.8.6 N¥M ; Ô 9JP" i @ ~ É F i > ; ~6 G > N¥M " = @ ~F "Ñ9 + \$ à · ~6 G> N¥M ~

+ Ñ ~ ÖN'- ;B3B ^ 5 ^ 3 ...G 5¢ ~10 6 ~

1 ^ B3B N'- " fin'- 7- O! . >|

2 ^ 5N'- " =0 j demo.war

3 ^ G 5¢N'- ' tomcat = Ñ ;

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ Ö\$ > 1

oÑ oÒ *V{6 'X?; X•5ê8ß& e . 2

oÑ oÒ NÁ6ö4 ^ •X?; X•5ê8ß& e . 3

oÑ oÒ Z, ÄM,, xX•5ê8ß& e . 4

oÑloÒ !_2^®

E & 1 J ~ ?δQE† ? ") ¼CE Ct\$À^ Ct1Ñ61yGý?-)ß† ~ * \ :G÷+X { 4
 *6 Ø ?F >| ý 'FP @ x)• ~ ^ 4*6FO Ö F T/ j x,œE >'' (?δQ W '' U
 MO O O CE ,Ct\$Àß+5 FJE÷XB 3+5],,-(É ^ò Aî5 '' 6| xCt É^
 AÑ';ÚCt n ^,)à 1Ñ6 œAà 6| ò—)AY'6| } \$1yB 4öCt É'' Q
 x)• ...1Ñ6"d É TB 3+5 , k?- ~7- Q 5 CE 1Ñ6 ^ 6 1Ñ6 ^)AY'Ñ6 ^ 1Ñ6 ^
 ;ÚH 1Ñ61y ~
 j ÉCE ,Ct\$ÀÑ63+5 °N'- O 4ô:O; ¿ ''B' .)à† ; ~7- Ö
 , ~6 G> n/j x
 , ~6 PL ~

+ ÑO Ö)ß†G}5 > webN'- à* ~10 6 -

- 1 ^ ! . G}5 Lö@ O § x
- 2 ^ ! . G}5 Web= Ñ x
- 3 ^ à* webN'- (demø
- 4 ^ , Ct\$À• &], v æ5
- 5 ^ , applicationContext.xml ^ mybatis- config.xml ^ springmvc-
 config.xml 1y-(EG}5 • & f) i-(É µØ
- 6 ^ , 5 N¥3P

+ Ñ ...Ö ^,AîAÑ> .)à ~10 6 -

- 1 ^ K * ^ PersonManagerDB
- 2 ^ K *>
- K * ~6 CE > (T_applicant) ''> 5 · ?æ> 4.9.1 ~

lå =	lå B\$ >	lå 2« »	qAt jO''	7#
Id	5F'	int	V	kK^ ''8 Ø_Kfl
UserName	=	varchar (20)	V	
Sex	W [	varchar(4)	V	+g^ É T ZF9N'
Age	∕.	int	V	^
Telephone	+eB '1	varchar(20)	V	

Post	6| }	varchar(50)	V	ÉJ/y" +XFG 'L" O
Eraill	FHÆ' p	varchar(50)	V	
Education	¶	varchar(20)	V	Q] ^ W C ^ \O " . ^ ^ f N' +F9
Mãor	C J	varchar(40)	V	
School	" J Q	varchar(50)	V	
WdkYear	4ÿP...	int	V	} _/
Specific Exper	B 4öÿF	text	V	

X> T_applicant ;Aà "æ> 4.9.2 ~

Id	1
UserName	P ~ •
Sex	+g
Age	28
Telephone	15738495322
Post	E &#{B O; 8
Eraill	zhy033@63.com
Education	\O
Mãor	AÑ" j
School	# " W
WdkYear	3
Specific Exper	2013 / \O " J 3# " W " p» JAVA E &#{B 9 / " § 78 > . ° _6ü " § 9 , j . 6 Å...FkE` M5\$7- , 7- i #{B AÑB ...#{B Ø xF >|E &#{B 7- OJ,)E &MO"r O #{B Q » " f °#{B Ø x " , ' #{B AÑB " f) #{B N'- F >|1Ñ6 ~

Id	2
UserName	~9a:h
Sex	+g
Age	30
Telephone	13898787675
Post	^1Ñ *6
Eraill	zhuyuzhu66@163.com
Education	.DOf+O

Major	Accounting
School	Southwest University
Work Experience	5
Specific Experience	<p>1. During my internship at ABC Company, I was responsible for managing the company's financial records and ensuring their accuracy. I worked closely with the accounting department and learned a great deal about the complexities of financial reporting.</p> <p>2. In my previous role at XYZ Corporation, I assisted in the preparation of financial statements and analyzed the company's performance. I gained valuable experience in budgeting and cost control.</p> <p>3. As a part of my academic training, I completed several projects related to financial analysis and forecasting. These projects honed my analytical skills and provided me with a solid foundation in financial management.</p>

+ 9 2, A>)à 10 6

B,J,)-(; > 5 ·5F É 2« ~# ? , 2«5F É693

+ Ñ Ö} N¥M , A> ~7-)à ~50 6

1 ^" N'- ~7-MO"r,+X »#k Ø.)à~6 G> /j ~7- "t . 4.9. 1

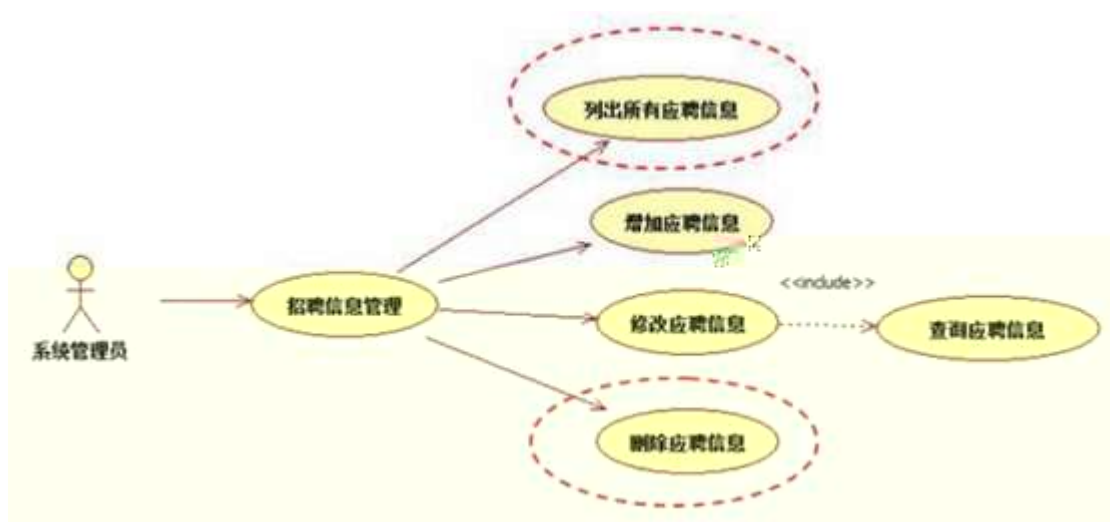
... 4.9. 2 p/j ~ 20 6

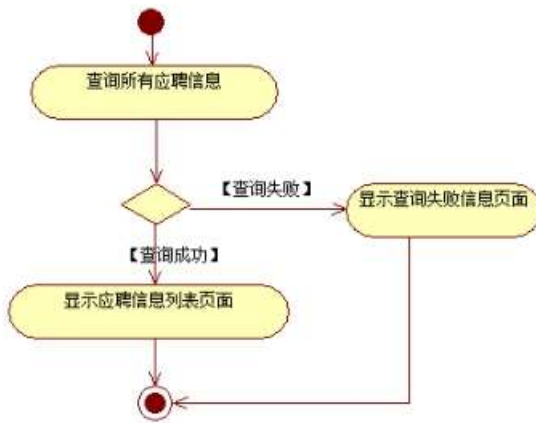
1) Mapper 2« αMapper.xml, A>5F É (10 6)

B,J,)-(; > 5 ·5F É(£> ; Mapper.java ...Mapper.xml

2) Service 2« αService)à2, A>5F É~ 5 6

3) Controller 2«, A>5F É~ 5 6





2 ^ ~ N'- ~7-MO"r,+X »#k Ø.)à~6 PL ~7- "† . 4.9.2 ...

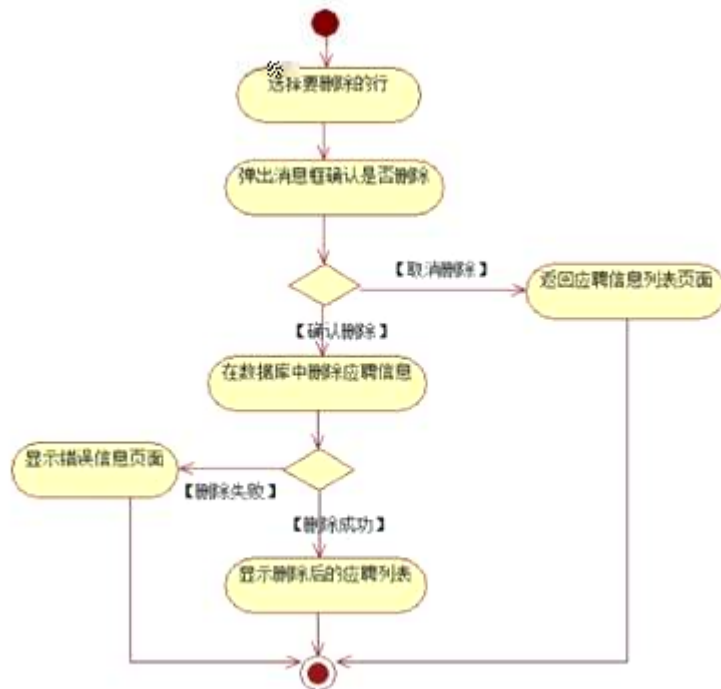
4.9.3 p/j ~ ~ 10 6 ^

1) Mapper 2« αMapper.xml,·AîAÑ>5F É (10 6)

B'J,)-(~, > 5 ·5F É(£> , Mapper.java ...Mapper.xml

2) Servic e 2« αService)à2«,·AîAÑ>5F É~ 5 6 ^

3) Controller 2«,·AîAÑ>5F É~ 5 6 ^



4 ^ N¥M ,AîAÑ>)à ~ 10 6 ^



- 1) . 4.9.1 p/jN¥M j Ą Ct\$ÀĩÑ63+5 , kN¥ x
- 2)&Ø + . 4.9.1] x ?# ?† ~6 "É F ~6 G> N¥M "† . 4.9.2 x
- 3)&Ø + . 4.9.2 , # xý ?; PL CµK. Ō" i *Lb! B PL ,. AÔ)B v ". AÔ_
- V PL " &Ø +)B v; . AÔ 9JP". AÔPL }>| " PL @ ~ "F PL >;
- G> N¥ " = @ ~ "F KIB /j ... ~ B; G> N¥ " &Ø +)B v; #, 9JP" = PL "F
- ~ B G> N¥ ~

+ Ñ ~ Ö ~ 10 6 ~

- 1 ^ B3B N'- " fin'- 7- O! . >|
- 2 ^ 5N'- " =0 j demo.war
- 3 ^ G 5çN'- ' tomcat = Ñ ;

2 Ñ Ō | J3P « ~ 10 6 ~

oÑoò Ō\$ >

Éä+1Ñ63+5 ° ä+ G> n/j > PL Q

oÑloÖ !!_2^®

Lç-p íF 5 ,F O! , P5 4Ł í "4ÿÑm "5 5 í X(É ó],í ')F O!
 Q, ä+5 1 µØ ' ü"#, œ -Lu ^ - µ^/n J ^ 6â ^ 6â1y 4 Z xJ " GyW "?-
 "r & x WQ " ä+1Ñ63+5 j5 5 í , h ó3+5 F = 5j " 2 ÓPG L j ¶ Q 1Ñ
 *6 x)• ") ä+ * œ & , ý ~ " a ° \$ à ~ 9, ä+1Ñ63+5 " f k?- ~7- Q 5
 ä+1Ñ6 ^2« »1Ñ61y ~

j Éä+1Ñ63+ 5 °N'- O 4ô:O; ç "B')à† ; ~7- Ö
 , ä+ G> n/j x
 , ä+ PL ~

+ ÑO Ö)ß ‡G}5 > webN'- à* ~10 6 ~

- 1 ^!. G}5 Lö@ O § x
- 2 ^!. G}5 Web= Ñ x
- 3 ^ à* webN'- (' + = (,N#)+4_10)
- 4 ^ , Ct\$Â• &],í v æ5
- 5 ^ , applicationContext.xml ^ mybatis-config.xml ^ springmvc-
 config.xml 1y-(£G}5 • & f) i-(£ µØ
- 6 ^ , 5 N¥3P

+ Ñ...Ö ^,AíAÑ>)à ~10 6 ~

- 1 ^ K * ^ NewsDB~
- 2 ^ K * ä+ > (T_news) " > 5 .?æ> 4.10.1 ~

lå =	!åB\$ >	!å2« »	qAŁ jO"	7#
id		int		
title		varchar(100)		
topicID	ID	int		
name		varchar(20)		
summary		varchar(200)		
content		text		

X> T_news ;Aà " ?æ> 4.10.2 ^ 4.10.3 ~

id	1
title	IT { æL Ö, ; APK „>1 5GÜG- 9 , ðx Û
topicID	3
name	•E
summary	apk ; O _ AndroidPackage"6+B @] • a _ „ „>1 5 ~ 'f apk _ 5 "FÓaB\$ >GüM 5-p , J L?fl "F aAÙA , > w ¶ "GüM ' - 9 , ðx z Û
content	<p>~+XO; ¿ _ „ 3+5 Gy?- , 4ô@G 6 " A FJE÷, J Ø ? X „ 3+5 : „>1~+XO; ¿ " a ÿ Windows35; appx ... *3+5; sis Og" „ 3+5 ; ~+XO; ¿ 9 f C ; „>1 5 l ? ü üapk ~</p> <p>apk ; O _ AndroidPackage"6+B @] • a _ „ „>1 5 ~ 'f apk _ 5 "FÓaB\$ >GüM 5-p , J L?fl "F aAÙA , > w ¶ "GüM ' - 9 , ðx z Û</p> <p>apk f _ a _ O Z »5Y • & " †. • & = i @ zip l ? { > - \$ © » " œ Y " IT { æ ö O O Z „ ~+X. „>1 5 " V W æ -Gü M ' -G- 9 , ðx ~</p> <p>A œ Y O O ; ? , UP _ Æ OF : æ µ _ »N' ~+X ü ü Microsoft To - Do ~</p> <p>j apk _ Z »5Y • & " p - \$ Ö" †. = i j zip £ ~ 6 „>1 5 @ » > " A - ; 'GüM ; O _ • & i ... • & Ö +XO; ¿ p 9 ; . 1 ^Ct\$Ä...G)5 • &G- XGüM " A O Z O Z ; ~</p>

id	2
title	U { D/æ Æ ä !ln µ ~ { j
topicID	2
name	H ç î
summary	' &L\$ 31 "] ç k*6 / ÖJ > " ~ { j Ö U { D- iF°B' " } ° ÿ 'Fœ F [µ " *] U { D(' ? j n> | ; ?93 \$ ä ~
content	<p>5 8 " " ~ { j k*6 ! ?Aî ç f *]] ç k*6 / ÖJ ~ 7 8 M " F £ k] 6 % !QAî ç f 9µd X ç -"y Q n> | ; ... q -Lö J . 1 Z J 8 µ "] - - æ] ^ - Ñ k*6 Öe) ç O Gy W F Ô | Ø F X A) F £3+ " : ; 5 ?æ " u 6) à ¶] ç £3+ X] !W £3+ ...] - F Ô p] ; Gy? - ' } ~</p> <p>ç - ' &L\$ 31 "] ç k*6 / ÖJ > " ~ { j Ö U { D- iF° B' " } ° ÿ 'Fœ F [µ " *] U { D(' ? j n> | ; ?93 \$ ä ~ ELc] " } T - k*6 n-pOÉ O O +uB8 ~ „ " X J] O , ?(Ø Z m ; B N " t>ÜV ' ¶ ä : ~ ^AÑB O Z ? & ; ä O - \$ F > | ¶ T Z J ? & ~</p>

id	3
title	*31 „ „ ‚ = :] -OÉ\$ _=y6 ìO˘ \$fi\ 14 =
topicID	1
name	PF
summary	]ā 6 81 +e \$fi] ^/n Œ * #K 1Ñ6 L (IMD)5 831 3 20171 „ „ Œz˘] -OÉ\$ _=y6 ìO˘˘ \$fi˘j ‚ = *31\ 14˘˘ Z1\ 3 }˘˘)à > °/1 É ˘
content	i IMDO à 3 F+|1 „ „ Œz˘˘ 2017 /F+|1 „ „ } 5 j 6 [j] - OÉ\$ _˘* ˘ à— ˘5¾ œ9§ ˘˘ f]] -OÉ\$ _ œ* 1 > °/ < g ˘ = ˘ à— œ9§ 4 : w 1 œ } 8#¾¾4|_l} 1 }X IMD Aö˘ ‚ *3 63 Z -æ˘j]˘ \$fi˘j œ/k ˘ =1\ 14 ˘˘ > °/ (< ˘ 5,28 2013 / ˘˘ F 5 / \$fi˘j˘ / ˘ = 6 [j] \ 11 = ˘ 13 = ˘ 11 = ˘ 14 = œ 14 = ˘ 9 > ° Z - æ˘j˘ (˘ Et ˘ œ / \$fi˘j j ˘ #b 1\ 3 ˘˘ !Q ˘ OÉ\$ _˘j œ à— ˘ ˘ Z ˘ = > ˘ °/ - (< ˘

id	4
title	NASA8 v61 fl * œ CE {B: F O CE a X *3
topicID	3
name	d •
summary	F 5¾ - æZO˘8Z Y p (NASA)8 (Bigelow Aerospace ‚61 fl5 _(' g" l#K X Œ G-Ai &> /j ˘ AŒj F O CE » ‚ :5) _ X ‚ ˘ f D F ‚ F O CE "4ÿ X *3 : ¶ ˘
content	F ˘ Œ ˘ F 5¾ - æZO˘8Z Y p (NASA)8 (Bigelow Aerospace ‚61 fl5 _(' g" l#K X Œ G-Ai &> /j ˘ AŒj F O CE » ‚ :5) _ X ‚ ˘ f DF ‚ F O CE "4ÿ X *3 : ¶ ! } ˘ NASA "4ÿ ... Bigelow Aerospace 8 *OB ¶ u"D ZO˘ F ˘ ˘ ˘ l#K ˘ ˘ ˘ ¶ WGÿ. &L\$...H JÆ .DO f F O CE ‚- (EN' - ˘- } ˘ ˘ ¶ ‚fi 75% s ˘ =E÷ f ZF?Mb § ‚ ˘ N ˘ ˘ v ˘ F g ‚ ˘ "4ÿ" p 9 ‚ 5¾ CE? - J ˘ < & ˘ ˘ l#K 5 a + Z CE UFOF Fw > AâCE ˘ v f = X ? ‚ @OACE JFP @ ð x jL ˘ XB8˘ > NASA ‚ 8 N- & ˘ ˘ l#K O˘M h;Q / ˘ ˘ Bigelow Aerospace ("4ÿj -LuO˘L\$1 *FP ¶ ‚ ‚ O˘L\$ F ˘ ˘ k?- _ j > NASA8 £3+ ˘ ‚ @OACE} J! E CE £# ˘ 9 ˘ AŒj ˘ l#K _ j > NASA ‚ 8 } ¶ @ ˘ ¶ F O CE ‚ § ˘

+ Ñ 9 Œ ‚ 2« ‚ AîAÑ >)à ˘ 10 6 ˘

+ Ñ Ö} N¥M ,·AîAÑ> ~7-)à ~ 50 6 ~

1 ^ ~ N'- ~7-MO"r,+X »#k Ø.)à àL+ G> /j ~7- " t . 4.10.1 ...

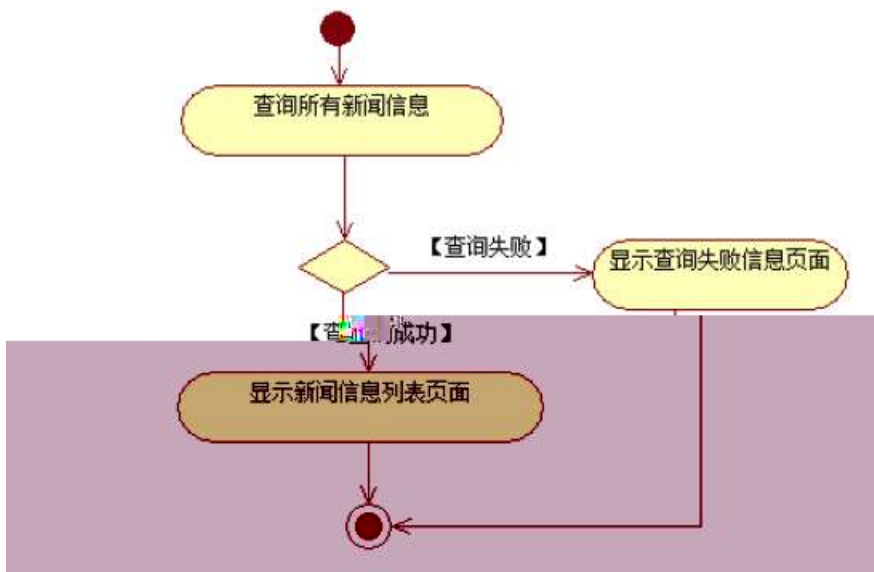
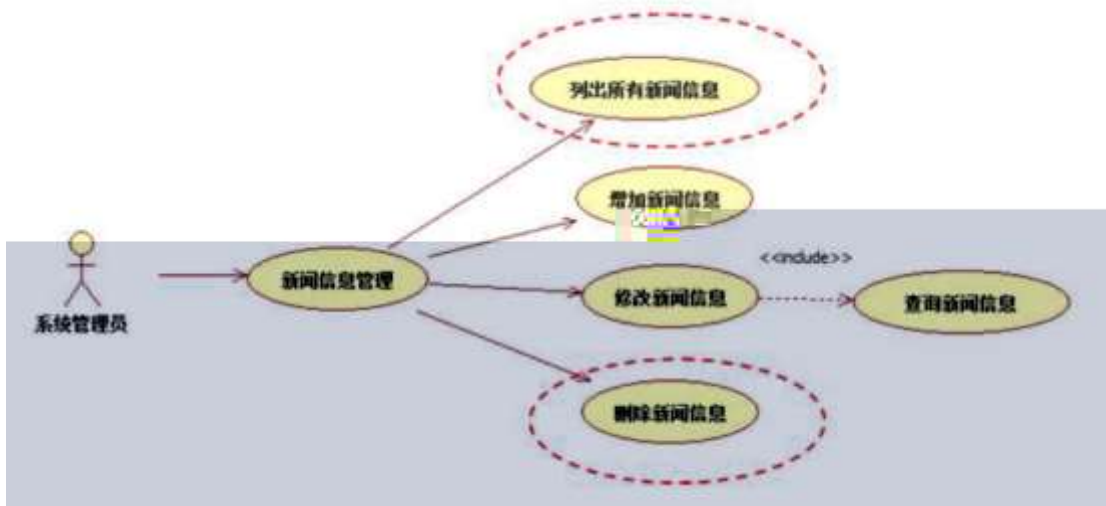
4.10.2 p/j ~ ~ 20 6 ~

1) Mapper2« αMapper.xml,·AîAÑ>5F É (10 6)

B'J,)-(~; > 5 ·5F É(£ > ; Mapper.java ...Mapper.xml

2) Service 2« αService)à2«,·AîAÑ>5F É~ 5 6 ~

3) Controller 2«,·AîAÑ>5F É~ 5 6 ~



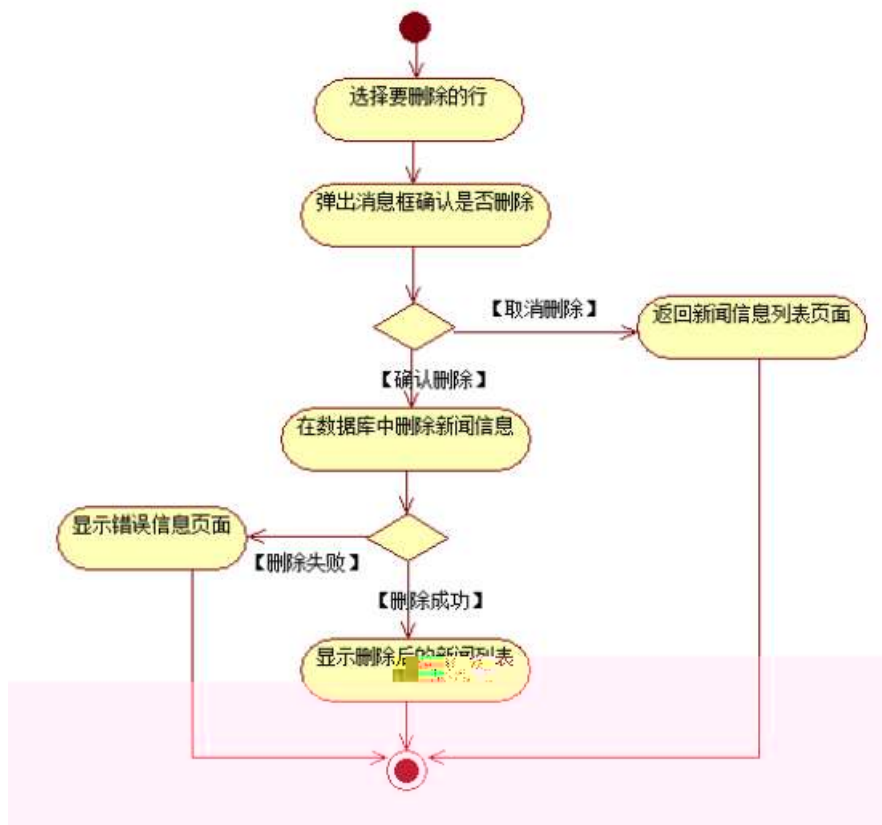
2 ^ " N'- ~7-MO"r,+X »#k Ø.)à ðL+ PL ^7- " t . 4.10.3 p/j ~ ~ 20
6 ^

1) Mapper2« αMapper.xml ,. AîAÑ>5F É~ 10 6 ^

Mapper.java Mapper.xml

2) Service 2« αService)à2«,AîAÑ>5F É~ 5 6 ^

3) Controller 2«,AîAÑ>5F É~ 5 6 ^



3 ^ N¥M AîAÑ)à ~ 10 6 ^

,;3P j *.p " ... @ ^7- f.)à. 4.10.4 p/jN¥M ~



+ Ñ ~ ÖN'- ,B3B ^ 5 ^ 3 ...G 5¢ ~ 10 6 -

1 ^ B3B N'- " fIN'- 7- O! . >|

2 ^ 5N'- " =0 j : + ()+4_10.war

3 ^ G 5N'- ' tomcat = Ñ ;

+ Ñ Ö| J3P « ~ 10 6 -

oÑ oÒ Ö\$ > 1

oÑ oÒ*4{6 'X?; X•5ê8ß& e . 2

oÑ oÒNÁ6ö4^•X?; X•5ê8ß& e . 3

oÑ oÒZ, ÄM,, xX•5ê8ß& e . 4

* ¾v æ° _; web ~+X O Q Lt

Lt 1 æ Ô

1 x 1 N" • & ; ? Ô~B' 9 ;?-"r K *1 N" • & i ...1 N" • & Ö

① K *1 N" • & i

K * 63+O 'N" ' > =, 1 N" • & i " n p 91 N" • & " » † Ö
-4-1\ F -4-1\

② K *1 N" • &

a ^ N'- \$Ä • &

K * project • & i " † Ö -4-1\ project \ " nN'-
p 9\$Ä .1 ~

b ^ ^ 7 - • &

K * bak • & i " † -4-1\ bak\ " n ^ 7 - sql
• & " †+X ¾ 8L5 § & 'F ~F >|)ß † ~ ^ 7 - • & " | L -(~; ° _
6 ~

c ^ 1 § • &

K * 1 § • & i " † -4-1\ 1 §\ " 6 webN'- B N" +O
1 §.docx • & = f 'B - ; " F >|E±O;], Z . !ÿ Z ~7- iN« 9 • B\$
> œ T P x ì Z . † à , O; ~7- ?-"r 9 à , { }, Z à ,
@ ~ >, Z . œ • B\$ > " † n/j O; ~7- ?-"r 9 n/j { }, Z n
/j @ ~ >, Z . œ • B\$ > ~

③ Ô N" • &

6 63+O 'N" ' • & i 5 " @ 63+O 'N" ' 5 \$ 5 & " † Ö
-4-1 U D U -4-1 U D U 6B • & 9?-"rF

>| : P ~

Lt 2 . í &
pMO,E . &Aî 7 † ;> ~

¿ ,	Aî 7 ^E & =0	?ôl / ° _ ò ^+XFD	7#
1	AÑ· j	CPUGS-fl5 : " μ 8G : "	+X % & O ...E &G 5¢ "ÿ Æ O
2	Of ice ^ 4/ýE^ #	5F É•	
3	eclipse ~ Mars ~ " tomcat7.0 ~ jd k1.8 ~ "	E & O	ô3 Æ +F9 O/ý O §
4	Tomat = Ñ	Web= Ñ	+X %.)æ &N'- G 5¢ ... F >|
5	mysql navicat	^1Ñ63+5	
6	JDK^ Û•	^ Û•	ô3 Æ fl+X ^ Û•

Lt 3 63 h &Gÿ
63 h &L\$ j 150 6J~ ~

Lt 4 Aô 64öI
)ß †G}5 > webN'- à * ~ 10 6 ~

2

1		6	6
2		4	web 4

10

3

1		6	3 3 1
2		4	4

20

4

1		20	2 get/set 1 /

20

6

1		4	2 / , 1 /
2		16	16 4 / 2 / 2 /

10

7

1		5	5
2		5	http://xxxxx/ 5

10

8

1		5	1 1 1
2		5	1 1 2 1

oÑloÒ!_2•^®

5³/₄8Æ y 8"] ó_ O æÆ y 8" ()à (° *Aî O Z 1 J5 1 AOB 1 J
B " — j xæ, ÓP " W (, . = Ö" FP8 !, æ(| ~ (5 1 N'- > = j Fh ·
8Æ y 8" 5 '5 1 _ (FL g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓPFh ·

E webN'- pMO,· css · & x

E webN'- pMO,· js · & x

Ö-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O

css ^js · & i" fIF T Z · & i ;, · &\$5 ?æ " Ö#1 § 1-1 Z .}5 ~

+ Ñ... ÖÑM 3 p 10 6 ~

O opening.htm ...opening.css · & "i ;M 5 N¥ 3 p . F +X- Q

» ^ j ... ·B N¥M ,;5 N¥ 3 p ~



§ t ; Ö

1 ~ fi ' E R W W div : X! div] K * 9 Z à· div ~

2 ~ K * k v "X ; " K * = j "X] K

* # T Z " t ; Ö

3 ~ K * x "Aî5 "+X ¾n5 x,8Z ? x

4 ~ K * # x "Aî5 "+X ¾n5 # x v æ G> ~

5 ~ j 4 div Aî5 css "?"-r t ; Ö

Aî5 .container , g ? x

Aî5 .sidebar , g ? x

Aî5 .content , g ? ~

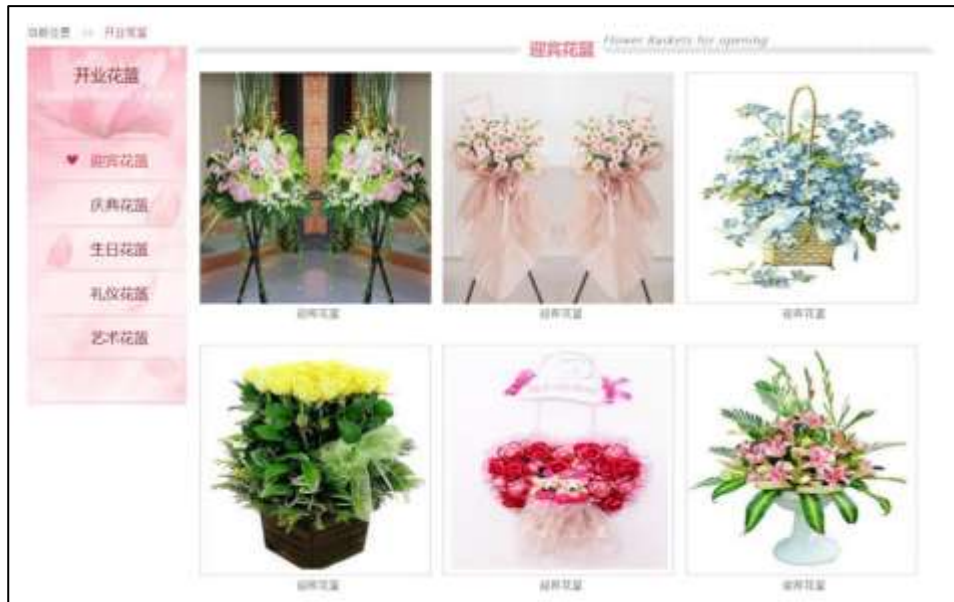
Ö-"r Ö

X opening.htm • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X opening.css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

ON'-]; opening.htm • & ...opening.css • & " ! . fl+X • \ ^ 7N" ^ G> ^
J ^ K. Ö 1yHTML71fi "... @5 N¥] µØ s3P,5F É" f DI . fl+XCSS9 ^ } ^
g ? ^ • \ g ? ^Nì8ç ^6ü ^ j ^5 N¥ 3 p W1y ^7- .)à 5 N¥ g ? ^N¥M Aî
AÑx ì . † ; Ö



§ ?-"r Ö

1 ^ O opening.htm • & "fi ' , "X f] j x ,8Z ?\$+ — ,8ZN' Ö
\$+ — ,8Z 7N" " k 7N" j O J8Æ2 " 7N" FRESH FLOWERS ORDER
\$+ — ,8ZN'ul 71fi "FJE÷ li 71fi\$+ — ,8ZN' Ö¶8Æ2 ^+O 8Æ2/I 8Æ2 ^
8" _8Æ2 ~

2 ^ O opening.css • & " 9' x ì . j ,8Z ?\$+ — g ? Ö
Aî5 k 7N" ^ 7N" g ? x
Aî5 ,8ZN' g ? x

Aî5 F9] ,8Z N' g ? x

Aî5 ,8Z N'Cµ4x. Ög ? x

3 ^ O opening.htm • & " j # x x æ G > \$ + — v æ .(w " X] \$ + — Ö

1 ^ \$ + — , +X ¾n5 x æ G > 7N " " X] " \$ + — 3 Z Ö

1\1 Z " +X ¾n/j EØ, 6 Ç4i x

1\2 Z " +X g n/j 94x7N " O J8Æ2 ... /j

x

1\3 Z " +X ¾n/j #EØ, 6 Ç4i ~

2 ^ \$ + — , " +X ¾ n p 9 x æ .(w " X] \$ + — 6 Z div

6 Z ü ü +X ¾n/j § x æ x

X] \$ + — O Z x æ .(w ... O Z +X ¾n/j x æ =0 ,!âm 71fi ~

4 ^ O opening.css • & " j x æ G > \$ + — Ö

Aî5 7N " div ... 7N " 6 Ç4div , g ? x

Aî5 n/j x æ .(w, g ? ~

Ö-r Ö

X opening.html • &] 6 :B N " html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X opening.css • &] 6 :B N " css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 ^



§ ?-r Ö

O banner.js • & " É }(' x pMO .1 ~
/j .(w "IQ j Ö banner01.jpg ^ banner02.jpg ^ banner03.jpg x
!yL~ 20 8 Ø7 O P .(w x
. (w ; Ø V 9 ,8Z "UP 70+ Ø# ,8Z " É n/j-(É .(w x

Ö-r Ö

B' Z : , fl z «& (w x ì . " Ö#1 § 4-1 Z . }5 ~
B' Z : x ì , js .1 , .(w " Ö#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(É , • \ § - ; JSON • & opening.json " JSON• & , µØ œ l ?

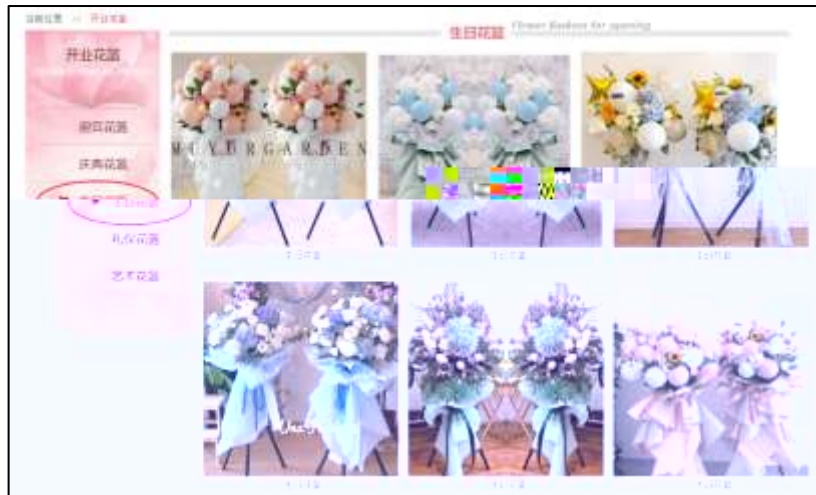
t ; . p/j Ö

```
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{ "ID": "2", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/2.jpg" },
{ "ID": "3", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/3.jpg" },
{ "ID": "4", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/4.jpg" },
{ "ID": "5", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/5.jpg" },
{ "ID": "6", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/6.jpg" },
{ "ID": "7", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/7.jpg" },
{ "ID": "8", "TYPE": "开业花篮", "NAME": "迎宾花篮", "IMG": ". /IMG/open/8.jpg" },
{ "ID": "9", "TYPE": "开业花篮", "NAME": "庆典花篮", "IMG": ". /IMG/open/9.jpg" },
{ "ID": "10", "TYPE": "开业花篮", "NAME": "庆典花篮", "IMG": ". /IMG/open/10.jpg" },
{ "ID": "11", "TYPE": "开业花篮", "NAME": "庆典花篮", "IMG": ". /IMG/open/11.jpg" },
{ "ID": "12", "TYPE": "开业花篮", "NAME": "庆典花篮", "IMG": ". /IMG/open/12.jpg" },
{ "ID": "13", "TYPE": "开业花篮", "NAME": "庆典花篮", "IMG": ". /IMG/open/13.jpg" },
{ "ID": "14", "TYPE": "开业花篮", "NAME": "庆典花篮", "IMG": ". /IMG/open/14.jpg" }
```

§ ?-r Ö B' - ; JSON• & " fi * > +O 8Æ2 -(É , ~

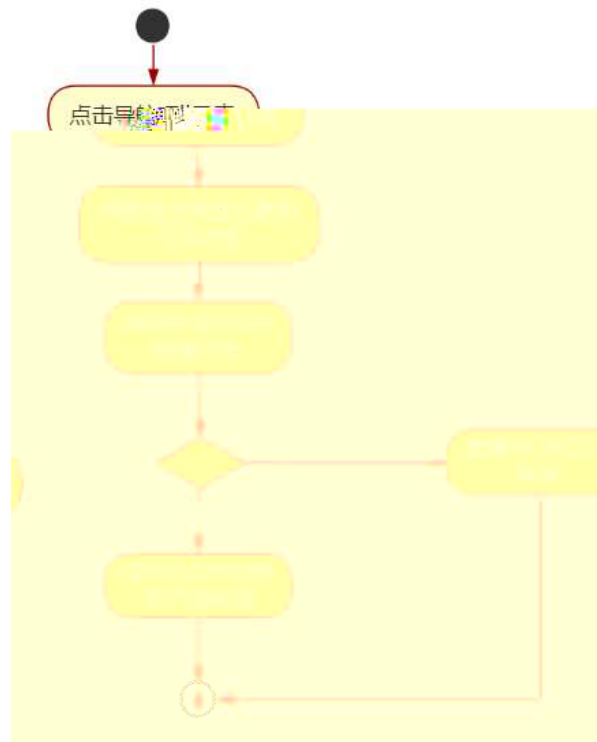
Ö-r Ö) fi ' ; F > | Z . " Ö#1 § 5-1 Z . }5 ~

2 F +X JS F Jquery ° _ "B3+X FG JSON opening.json • & ")à Ô´ ?5
N¥5F É~ § x ì . t ; . p/j " » t&Ø + EØ ? s3P +O 8Æ2 " #EØ ?- µØ i
&Ø + , µØ " n/j * +O 8Æ2 , -(É xæ ~



§ ?-"r Ö

à* • & opening.js " f 6 • & E ' opening.htm • &] ~
 j x: ,8ZN' ul 71fi]li s3P\$+ —UP 7 +» & ~
 UP 7&Ø + » &?-"r i &Ø + 71fi; μØ " # xxæ G> ?- ; 7N" n/j&Ø + 71fi;
 • \ μØ 'B3+X FG JSON • & "xxæ G> ?- N¥] n/j IMGs3P) ~; .(w "
 .(w ; Ø n/j NAMES3P; I ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z & Ø + ¶ 8Æ2 71fi > " # x x æ G> n/j JSON• &],. ¶ 8Æ2
-(£ x æ; x ì . " Ô#1 § 5-

oÑloÒ !!_2^®

5¾æÆ y 8"] ó_ O æÆ y 8" ()à (° *Aî O Z 1 J5 1 AOB 1 J
 B " — j xæ; ÓP " W (,· = Ö" FP8 !,· æ(| ~ (5 1 N'- > = j Fh '
 8Æ y 8" 5 '5 1 _ (FL g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓPFh '
 8Æ y 8" " \$ > ' /j (,· xæ ~ (5 1 6 ,· (,· xæ)ä5 G 'AÙ\$ J,· Æ
 . F (,· xæ " \$ J,· GF9 (,· xæ " \$ J,· Òg Û ' (,· xæ ~
 4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4ðkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
 N'- ,· }1 N¥M 6 @ Z Q " 6 [_O~ N¥^5/ =0 ^ ^ O J8Æ2 ^ /-08Æ ^ ¶+X8Æ" Rì
 8ÆAOC] 8"Ct ^ 6 3+ A 1y ~ j Éh '8Æ y 8" °5 1 N'- O 4ô ,· @ 'B' G÷+X
 -(~,·5 N¥ O §E & ... @)à 5/ =0 ^ Q " § -(£ + Ñt ; Ö
 5/ =0 ^ N¥M ,·N¥M 3 p
 5/ =0 ^ N¥M ,·M 1N¥M AîAÑ
 5/ =0 ^ N¥M ,· Ô' ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß‡G}5 ^ webN'- à* > Ô ~ 10 6 -
 § ?-"r Ö

K *1 N" · & i Ö * 63+0 ' -N" ' > =,· · & i " n p 91 N" · & "» † Ö
 3401033- k
 63P = f '1 N" · & i] x
 !. G}5 Lö@ O § x
 !. G}5 Web# ?! x
 , webN'- 3P x
 E webN'- pMO,· css · & x
 E webN'- pMO,· js · & x

Ô-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
css ^ js • & i " flF T Z • & i ;, • &\$5 ?æ " Ô#1 § 1-1 Z .}5 ~

+ Ñ... ÖÑM 3 p 10 6 ~

O rent.htm ...rent.css • & " i ;M 5 N¥ 3 p . 'F +X- Q » ^ j

... ·B N¥M ,;5 N¥ 3 p ~



§ t ; Ö

1 - fi ' ER W W div : X! div] K * 9 Z à· div ~

2 - K * k v "X ; " K * = j "X] K

* # T Z " t ; Ö

3 - K * x "Aî5 "+X ¾n5 x,8Z ? x

4 - K * # x "Aî5 "+X ¾n5 # x v æ G> ~

5 - j 4 div Aî5 css " ?- "r t ; Ö

Aî5 .container ; g ? x

Aî5 .sidebar ; g ? x

Ai5 .content , g ? ~

Ô-"r Ö

X rent.htm • &] 6 :B N" html .1 _ à Ô" 3 @ p YS(A °öæ s p@! YS(A

8" _8Æ2 ~

2 ^ O rent. css • & " 9' x Ì . j ,8Z ?\$+ — g ? Ö

Aî5 k 7N" ^ 7N" g ? x

Aî5 ,8ZN' g ? x

Aî5 F9] ,8Z N' g ? x

Aî5 ,8Z N'Çµ4×K. Ög ? x

3 ^ O rent.htm • & " j # x x æ G> \$+ — v æ .(w " X ,:]\$+ — Ö

1 ^ \$+ — ,: +X ¾n5 x æ G> 7N" " X] "\$+ —3 Z Ö

1\1 Z " +X ¾n/j EØ, 6 Ç4i x

1\2 Z " +X g n/j 94x 7N" 5/ =0 ^ ... /j x

1\3 Z " +X ¾n/j #EØ, 6 Ç4i ~

2 ^ \$+ — ,: " +X ¾ n p 9 x æ .(w " X]\$+ —6 Z div

6 Z üü +X ¾n/j § x æ x

X]\$+ — O Z x æ .(w ... O Z+X ¾n/j x æ =0 ,!âm 71fi ~

4 ^ O rent. css • & " j x æ G> \$+ — Ö

Aî5 7N" div ... 7N" 6 Ç4i div ,: g ? x

Aî5 n/j x æ .(w, g ? ~

Ö-"r Ö

X rent.htm • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X rent. css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 ~



§ ?-"r Ö

O banner.js • & " É }(' x pMO .1 ~
 /j .(w "IQ j Ö banner01.jpg ^ banner02.jpg ^ banner03.jpg x
 lyl~ 208 07 O P .(w x
 .(w ; 0 V 9 ,8Z "UP 70+ 0# ,8Z " É n/j-(É .(w x

Ö- "r Ö

B' Z ;, fl z «& (w x ì . " Ö#1 § 4-1 Z . }5 ~
 B' Z : x ì, js .1, .(w " Ö#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & " .)à Ö´ ?5 N¥ ~ 25 6 ~

1 F +X-(É, • \ § -; JSON • & rent.json "JSON• &, µØ œ l ? † ;
 . p/j Ö


```

{"ID": "1", "TYPE": "绿植租售", "NAME": "绿萝", "IMG": "/IMG/rent/1.jpg"},
{"ID": "2", "TYPE": "绿植租售", "NAME": "绿萝", "IMG": "/IMG/rent/2.jpg"},
{"ID": "3", "TYPE": "绿植租售", "NAME": "绿萝", "IMG": "/IMG/rent/3.jpg"},
{"ID": "4", "TYPE": "绿植租售", "NAME": "绿萝", "IMG": "/IMG/rent/4.jpg"},
{"ID": "5", "TYPE": "绿植租售", "NAME": "绿萝", "IMG": "/IMG/rent/5.jpg"},
{"ID": "6", "TYPE": "绿植租售", "NAME": "绿萝", "IMG": "/IMG/rent/6.jpg"},
{"ID": "7", "TYPE": "绿植租售", "NAME": "常春藤", "IMG": "/IMG/rent/7.jpg"},
{"ID": "8", "TYPE": "绿植租售", "NAME": "常春藤", "IMG": "/IMG/rent/8.jpg"},
{"ID": "9", "TYPE": "绿植租售", "NAME": "常春藤", "IMG": "/IMG/rent/9.jpg"},
{"ID": "10", "TYPE": "绿植租售", "NAME": "常春藤", "IMG": "/IMG/rent/10.jpg"},
{"ID": "11", "TYPE": "绿植租售", "NAME": "常春藤", "IMG": "/IMG/rent/11.jpg"},
{"ID": "12", "TYPE": "绿植租售", "NAME": "常春藤", "IMG": "/IMG/rent/12.jpg"},
{"ID": "13", "TYPE": "绿植租售", "NAME": "吊兰", "IMG": "/IMG/rent/13.jpg"},
{"ID": "14", "TYPE": "绿植租售", "NAME": "吊兰", "IMG": "/IMG/rent/14.jpg"},
{"ID": "15", "TYPE": "绿植租售", "NAME": "吊兰", "IMG": "/IMG/rent/15.jpg"},
{"ID": "16", "TYPE": "绿植租售", "NAME": "吊兰", "IMG": "/IMG/rent/16.jpg"}

```

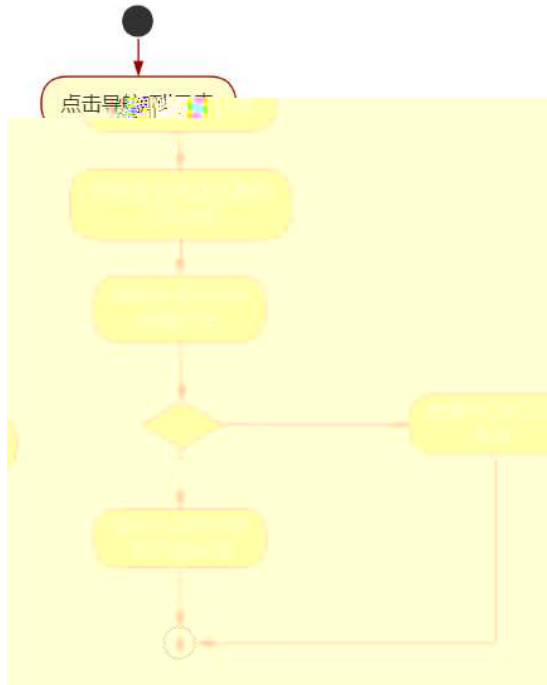
§ ?-r Ö B' -; JSON• & " fi * > UÉB< -(£, ~
 Ô-r Ö) fi ', F >| Z . " ÔZ .8#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON rent.json • & ")à Ô´ ?5 N¥5F
 É~ § x ì . t ; . p/j " » t&Ø + EØ ? s3P hM < " #EØ ?- µØ i &Ø +,
 µØ " n/j * hM < ,-(£ xæ ~



§ ?-r Ö
 à* • & rent.js " f 6 • & E ' rent.htm • &] ~
 j x ; ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~

UP 7&Ø + » &?-"r i &Ø + 71fi, μØ " # xxæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ μØ B3+X FG JSON • & "x æ G> ?- N¥] n/j IMGs3P) ~, .(w "
 .(w ; Ø n/j NAMEs3P, I ~ § &Ø + » &, -(£#k Ø. † ; . p/j Ö



Ö-"r Ö

B' Z &Ø + : 71fi > " # xxæ G> n/j JSON• &], : -(£ x
 æ, x ì . ~ Ö#1 § 5-2 Z . }5 ~

B' Z &Ø + \$?fl X 71fi > " # xxæ G> n/j JSON• &], \$?fl X -(
 £ xæ, x ì . ~ Ö#1 § 5-3 Z . }5 ~

B' Z rent.htm • & .1] " E rent.js • &, -(£ .1 .(w ~ Ö#1 § 5-
 4 Z . }5 ~

B' Z rent.js • &] "B3+X JSON• &, .1 .(w ~ Ö#1 § 5-5 Z . }5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ*4{6 'X?; X•5ê8ß& e . 2

oÑ oÒ63 h &Gÿ?-"r?æ \ Q Lt ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

5%æ y 8"] ó_ O æ y 8" ()à (° *Aî O Z 1 J5 1 AOB 1 J
 B — j xæ; ÓP " W (, = Ö" FP8 !, æ(| ~ (5 1 N'- > = j Fh '
 8Æ y 8" 5 "5 1 _ (FL g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓPFh '
 8Æ y 8" " \$ > ' /j (, xæ ~ (5 1 6 , (, xæ)à5 G 'AÙ\$ J, CE
 . F (, xæ " \$ J, GF9 (, xæ " \$ J, Òg Û ' (, xæ ~
 4ÿE÷} OMO"rB3.D "5 1 N'- 4ôâkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
 N'- , }1 N¥M 6 @ Z Q " 6 [_O~ N¥^5/ =0 ^ ^ /-08Æ /-08Æ ¶+X8Æ`Rì8Æ
 AÖ] ^ 8"Ct ^ 6 3+ A 1y ~ j Éh '8Æ y 8" °5 1 N'- O 4ô , @ 'B' G÷+X-(
 ~,5 N¥ O §E & ... @)à /-08Æ Q " § -(£ + Ñt ; Ö
 /-08ÆN¥M ,N¥M 3 p
 /-08ÆN¥M ,M 1N¥MîAÑ
 /-08Æ N¥M , Ô´ ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß†G}5 ^ webN'- à* > Ô ~ 10 6 -
 § ?-"r Ö

K *1 N" • & i Ö * 63+O ' -N" ' > =, • & i " n p 91 N" • & "» † Ö
 3401033- k
 63P = f '1 N" • & i] x
 !. G}5 Lö@ O § x
 !. G}5 Web# ?† x
 , webN'- 3P x
 E webN'- pMO, css • & x
 E webN'- pMO, js • & x

Q-r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *,. webN'- .(w " Z { }B' O
css ^ js • & i " fIF T Z • & i ;, • & \$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... ÖÑM 3 p 10 6 ~

O artificial.htm ...artifi cial.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j
... ·B N¥M ,·5 N¥ 3 p ~



§ t ; Ö

1 - fi ' E R W W div : X! div] K * 9 Z à· div ~

2 - K * k v "X ; " K * = j "X] K

* # T Z " t ; Ö

3 - K * x "Aî5 "+X ¾n5 x ,8Z ? x

4 - K * # x "Aî5 "+X ¾n5 # x v æ G> ~

5 - j 4 div Aî5 css "Q-r t ; Ö

Aî5 .container ; g ? x

Aî5 .sidebar ; g ? x

Ai5 .content , g ? ~

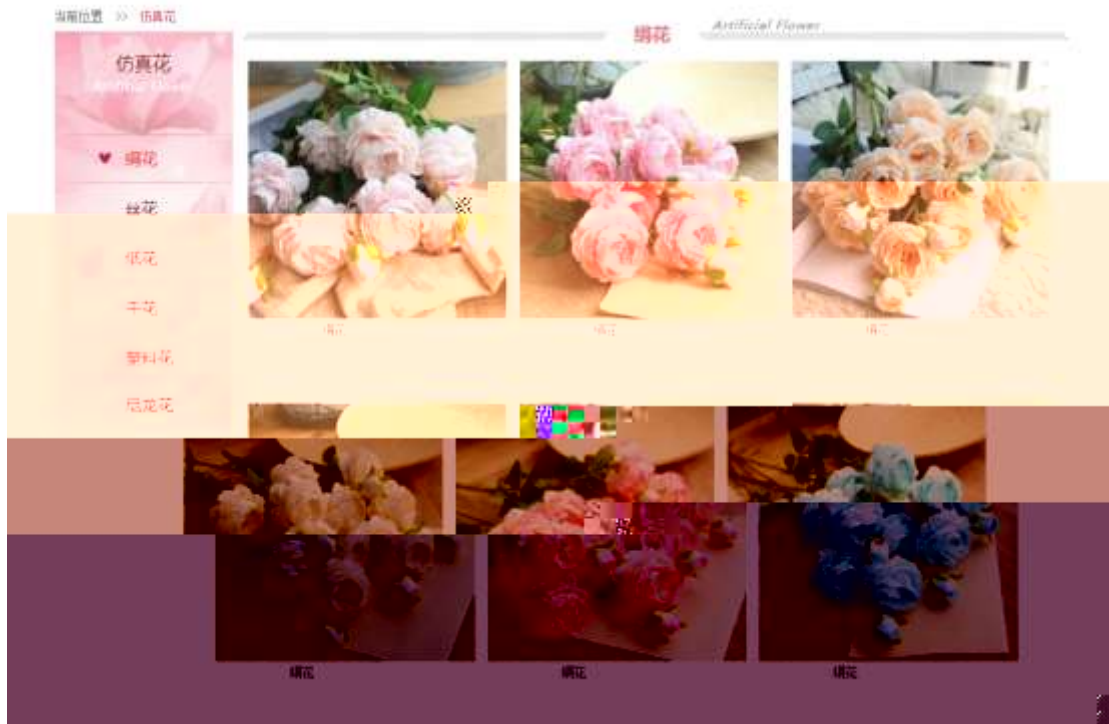
Q-r Ö

X artificial.htm • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X artificial.css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

ON'-]; artificial.htm • & ...arti ficial. css • & "!. fl+X • \ ^ 7N" ^ G
> ^ J ^ ^K. Ö 1yHTM 71fi" ... @5 N¥] µØ s3P,5F É" f D! . fl+XCSS9 ^
}^ g ? ^ • \ g ? ^Nì8ç ^6ü ^ j ^5 N¥ 3 p W1y ^7-)à... • 5 N¥ g ?"
N¥M AîAÑx Ì . † ; Ö



§ ?-r Ö

1 ^ O artificial.htm • & " fi ' ; " X f] j x ,8Z ?\$+ — ,8Z

N' Ö

\$+ — ,8Z 7N" " k 7N" j /-08Æ " 7N" ARTIFICIAL FLOWER

\$+ — ,8ZN'ul 71fi 'FJE÷li 71fi\$+ — ,8ZN' Ö 8ÆM8Æ ^4Ł8Æ ^ç8Æ ^ ÉBÆ ^
IUÉBÆ ~

2 ^ O artificial. css • & " 9' x Ì . j ,8Z ?\$+ — g ? Ö

Aî5 k 7N" ^ 7N" g ? x

Aî5 ,8ZN' g ? x

Aî5 F9] ,8Z N' g ? x

Aî5 ,8Z N'Cµ4Ж. Ög ? x

3 ^ O artificial.htm • & " j # x x æ G> \$+ — v æ .(w " X ,]

\$+ — Ö

1 ^ \$+ — , +X ¾n5 x æ G> 7N" " X] "\$+ —3 Z Ö

1\1 Z " +X ¾n/j EØ, 6 ¢4i x

1\2 Z " +X g n/j 94x 7N" /-08Æ ... /j x

1\3 Z " +X ¾n/j #EØ, 6 ¢4i ~

2 ^ \$+ — , " +X ¾ n p 9 x æ .(w " X]\$+ —6 Z div

6 Z ü ü +X ¾n/j § x æ x

X]\$+ — O Z x æ .(w ... O Z+X ¾n/j x æ =0 ,!ãm 71fi ~

4 ^ O artificial. css • & " j x æ G> \$+ — Ö

Aî5 7N" div ... 7N" 6 ¢4div , g ? x

Aî5 n/j x æ .(w, g ? ~

Ö-r Ö

X artificial.htm • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X artificial. css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 ~



§ ?-r Ö

```
O banner.js • & " É }(' x pMO .1 ~
/j .(w "IQ j Ö banner01.jpg ^ banner02.jpg ^ banner03.jpg ×
lÿL~ 208 Ø7 O P .(w ×
.(w ; Ø V 9 ,8Z "UP 70+ Ø# ,8Z " É n/j-( É .(w ×
```

Ö-r Ö

```
B' Z :; fl z «& (w x ì . " Ö#1 § 4-1 Z . }5 ~
B' Z :x ì; js .1; .(w " Ö#1 § 4-2 Z . }5 ~
```

+ Ñ~ ^B3+X FG JSON• & " .)à Ö´ ?5 N¥ ~ 25 6 ~

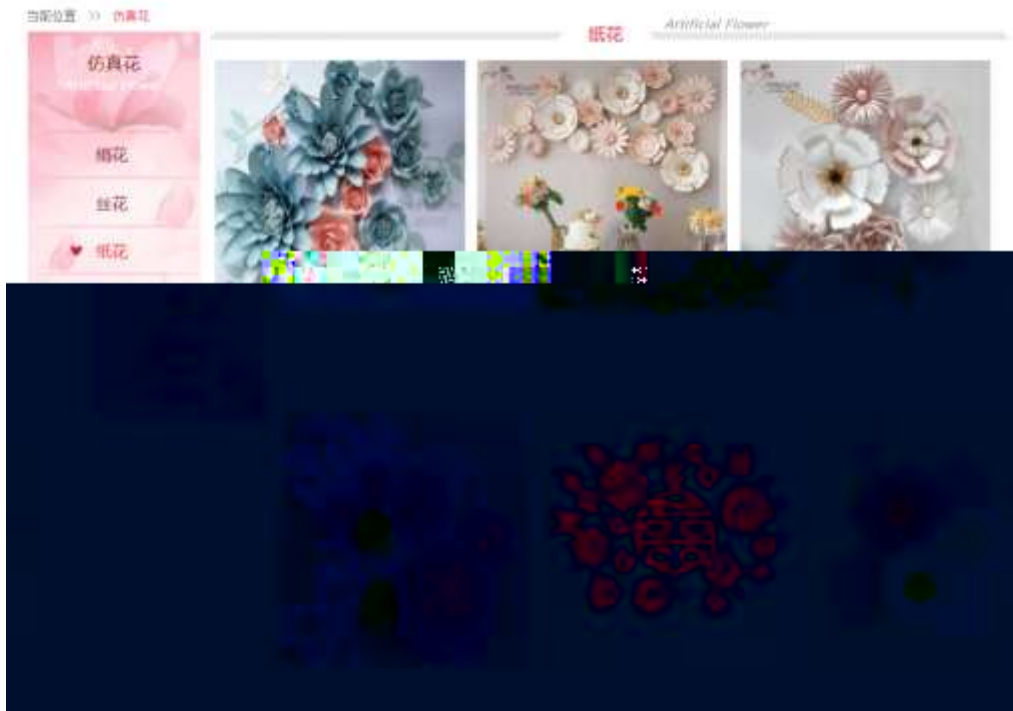
```
1 TF +X-( É; • \ § -; JSON • & artificial.json "JSON• & . µØ œ l
```

? t ; . p/j Ö

```
{ "ID": "1", "TYPE": "仿真花", "NAME": "绢花", "IMG": ". /IMG/artificial/1.jpg" },
{ "ID": "2", "TYPE": "仿真花", "NAME": "绢花", "IMG": ". /IMG/artificial/2.jpg" },
{ "ID": "3", "TYPE": "仿真花", "NAME": "绢花", "IMG": ". /IMG/artificial/3.jpg" },
{ "ID": "4", "TYPE": "仿真花", "NAME": "绢花", "IMG": ". /IMG/artificial/4.jpg" },
{ "ID": "5", "TYPE": "仿真花", "NAME": "绢花", "IMG": ". /IMG/artificial/5.jpg" },
{ "ID": "6", "TYPE": "仿真花", "NAME": "绢花", "IMG": ". /IMG/artificial/6.jpg" },
{ "ID": "7", "TYPE": "仿真花", "NAME": "丝花", "IMG": ". /IMG/artificial/7.jpg" },
{ "ID": "8", "TYPE": "仿真花", "NAME": "丝花", "IMG": ". /IMG/artificial/8.jpg" },
{ "ID": "9", "TYPE": "仿真花", "NAME": "丝花", "IMG": ". /IMG/artificial/9.jpg" },
{ "ID": "10", "TYPE": "仿真花", "NAME": "丝花", "IMG": ". /IMG/artificial/10.jpg" },
{ "ID": "11", "TYPE": "仿真花", "NAME": "丝花", "IMG": ". /IMG/artificial/11.jpg" },
{ "ID": "12", "TYPE": "仿真花", "NAME": "丝花", "IMG": ". /IMG/artificial/12.jpg" }
```

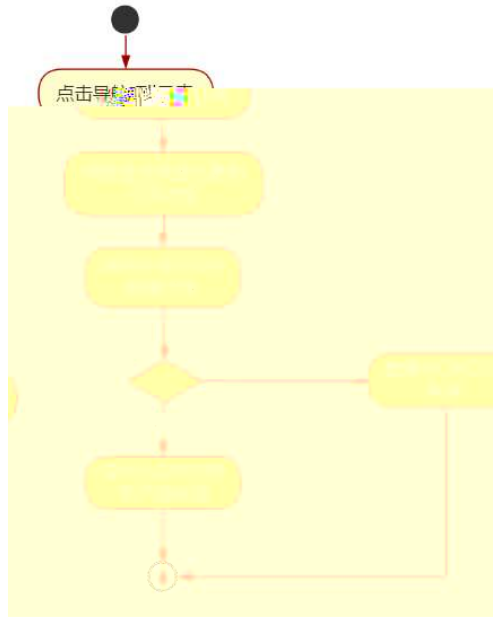

§ ?-r Ö B' -; JSON• & " fi * > ÉBÆ -(£, ~
 Ô-"r Ö) fi ', F >| Z. " Ô#1 § 5-1 Z. }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON artificial.json • & ")à Ô´ ?
 5 N¥5F É~ § x ì . † ; . p/j " » †&Ø + EØ ? s3P 4t8Æ " #EØ ?- µØ i &Ø
 +, µØ " n/j * 4t8Æ ,-(£ xæ ~



§ ?-r Ö

à * • & artificial.js " f 6 • & E ' artificial.htm • &] ~
 j x; ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-r i &Ø + 71fi; µØ " # x xæ G> ?- ; 7N" n/j&Ø + 71fi;
 • \ µØ B3+X FG JSON • & " xæ G> ?- N¥] n/j IMGs3P) ~; .(w ~
 .(w ; Ø n/j NAMEs3P; I ~ § &Ø + » &, -(£ #k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z &Ø + ÉBÆ 71fi > "# xxæ G> n/j JSON• &], ÉBÆ -(
É xxæ, x ì . ~ Ô#1 § 5-2 Z . }5 ~

B' Z &Ø + IUÉBÆ 71fi > "# xxæ G> n/j JSON• &], IUÉBÆ -(
É xxæ, x ì . ~ Ô#1 § 5-3 Z . }5 ~

B' Z artificial.htm • & .1] " E artificial.js • &,-(É .1 .(w ~
Ô#1 § 5-4 Z . }5 ~

B' Z artificial.js • &] "B3+XJSON• &,-.1 .(w ~ Ô#1 § 5-4 Z .
}5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ, í &?-"r?æ \ Q Lt 2

oÑ oÒ 63 h &Gy?-"r?æ \ Q Lt ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

5%æ y 8"] ó_ O æÆ y 8" ()à (° *Aî O Z 1 J5 1 AOB 1 J
 B " — j xæ; ÓP " W (, = Ö" FP8 !, æ(| ~ (5 1 N'- > = j Fh '
 8Æ y 8" 5 '5 1 _ (FL g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓPFh '
 8Æ y 8" "\$ > ' /j (, xæ ~ (5 1 6 , (, xæ)ä5 G 'AÙ\$ J, Æ
 . F (, xæ " \$ J, GF9 (, xæ " \$ J, Òg Û ' (, xæ ~
 4yE÷} OMO"rB3.D '5 1 N'- 4ô4kfl) (5 1 N'- "4yF >|N' - MO"r 6 À " 6 \5 1
 N'- , }1 N¥M 6 @ Z Q " 6 [_O~ N¥^5/ =0 ^ ^ O J8Æ2 ^ /-O8Æ ^ ¶+X8Æ" Rì
 8ÆAÒ] 8"Ct ^ 6 3+ A 1y ~ j Éh '8Æ y 8" °5 1 N'- O 4ô , @ 'B' G÷+X
 -(~, 5 N¥ O SE & ... @)à Rì8ÆAÒ] Q " § -(£ + Ñ† ; Ö

Rì8ÆAÒ] N¥M , N¥M 3 p
 Rì8ÆAÒ] N¥M , M 1N¥M AîAÑ
 Rì8ÆAÒ] N¥M , Ô' ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß †G}5 ^ webN'- à* > Ô ~ 10 6 -
 § ?-"r Ö

K *1 N" • & i Ö * 63+O ' -N" ' > =, • & i " n p 91 N" • & " » † Ö
 3401033- k
 63P = f '1 N" • & i] x
 ! . G}5 Lö@ O § x
 ! . G}5 Web# ?† x
 , webN'- 3P x
 E webN'- pMO, css • & x
 E webN'- pMO, js • & x

Q-r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, web N'- .(w " Z { }B' O
css ^ js • & i " fIF T Z • & i ;, • & \$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... ÖÑM 3 p 10 6 ~

O wedding.htm ...wedding.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ...
B N¥M ,5 N¥ 3 p ~



§ t ; Ö

1 - fi ' E R W W **div** : X! div] K * 9 Z à. div ~

2 - K * k v "X ; " K * = j "X] K

* # T Z " t ; Ö

3 - K * x "Aî5 "+X ¾n5 x,8Z ? x

4 - K * # x "Aî5 "+X ¾n5 # x v æ G> ~

5 - j 4 div Aî5 css "?-r t ; Ö

Aî5 .container ; g ? x

Aî5 .sidebar ; g ? x

Ai5 .content , g ? ~

Q-"r Ö

X wedding.htm • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X wedding.css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

ON'-]; wedding.htm • & ...wedding.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J

^ K. Ö 1y HTML71fi" ... @5 N¥] µØ s3P,5F É" f DI . fl+XCSS9 ^ } ^

g ? ^ • \ g ? ^ Ñ8Ç ^6ü ^ j ^5 N¥ 3 p W1y ^7-)à ... • 5 N¥ g ? ^N¥M Aî

AÑx ì . † ; Ö



§ ?-"r Ö

1 ^ O wedding.htm • & " fi ' , " X f] j x ,8Z ?\$+ — ,8ZN' Ö

\$+ — ,8Z 7N" " k 7N" j Rì8ÆAÖ] " 7N" FRESH FLOWERS ORDER

\$+ — ,8ZN'ul 71fi "FJE÷ li 71fi\$+ — ,8ZNÖ¶ 8Æ2 ^+O 8Æ2 ^/I 8Æ2 ^

8" _8Æ2 ~

2 ^ O wedding.css • & " 9' x l . j ,8Z ?\$+ — g ? Ö

Aî5 k 7N" ^ 7N" g ? x

Aî5 ,8ZN' g ? x

Aî5 F9] ,8Z N' g ? x

Aî5 ,8Z N'Cµ4X. Ög ? x

3 ^ O wedding.htm • & " j # x x æ G> \$+ — v æ .(w " X ,]\$+ — Ö

1 ^ \$+ — , +X ¾n5 x æ G> 7N" " X] "\$+ —3 Z Ö

1\1 Z " +X ¾n/j EØ, 6 ¢4i x

1\2 Z " " +X g n/j 94x 7N" ¶+X8Æ ... /j

x

1\3 Z " +X ¾n/j #EØ, 6 ¢4i ~

2 ^ \$+ — , " +X ¾ n p 9 x æ .(w " X]\$+ —6 Z div

6 Z üü +X ¾n/j § x æ x

X]\$+ — O Z x æ .(w ... O Z+X ¾n/j x æ =O ,!ãm 71fi ~

4 ^ O wedding.css • & " j x æ G> \$+ — Ö

Aî5 7N" div ... 7N" 6 ¢4div , g ? x

Aî5 n/j x æ .(w, g ? ~

Ö-r Ö

X wedding.htm • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X wedding.css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x l ~ 15 6 ^



§ ?-r Ö

```
O banner.js • & "É }(' x pMO .1 ~
/j .(w "IQ j Ö banner01.jpg ^ banner02.jpg ^ banner03.jpg x
lÿL~ 20 8 Ø7 O P .(w x
.(w ; Ø V 9 , 8Z "UP 70+ Ø# ,8Z " £ n/j-( £ .(w x
```

Ö-r Ö

```
X wedding.htm • & ] 6 :B N" html .1 Z . " Ö#1 § 4-1 Z . }5 ~
X wedding.css • & ] 6 :B N" css .1 Z . " Ö#1 § 4-2 Z . }5 ~
```

+ Ñ~ ^B3+X FG JSON• & ")à Ö´ ?5 N¥ ~ 25 6 ~

```
1 F +X-( £, • \ § -; JSON • & wedding.json "JSON• &, µØ œ l ?
```

t ; . p/j Ö

```
{"ID": "1", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/1.jpg"},
{"ID": "2", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/2.jpg"},
{"ID": "3", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/3.jpg"},
{"ID": "4", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/4.jpg"},
{"ID": "5", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/5.jpg"},
{"ID": "6", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/6.jpg"},
{"ID": "7", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/7.jpg"},
{"ID": "8", "TYPE": "鲜花订购", "NAME": "紫罗兰", "IMG": "/IMG/wedding/8.jpg"},
{"ID": "9", "TYPE": "鲜花订购", "NAME": "牡丹", "IMG": "/IMG/wedding/9.jpg"},
{"ID": "10", "TYPE": "鲜花订购", "NAME": "牡丹", "IMG": "/IMG/wedding/10.jpg"},
{"ID": "11", "TYPE": "鲜花订购", "NAME": "牡丹", "IMG": "/IMG/wedding/11.jpg"},
{"ID": "12", "TYPE": "鲜花订购", "NAME": "牡丹", "IMG": "/IMG/wedding/12.jpg"},
```

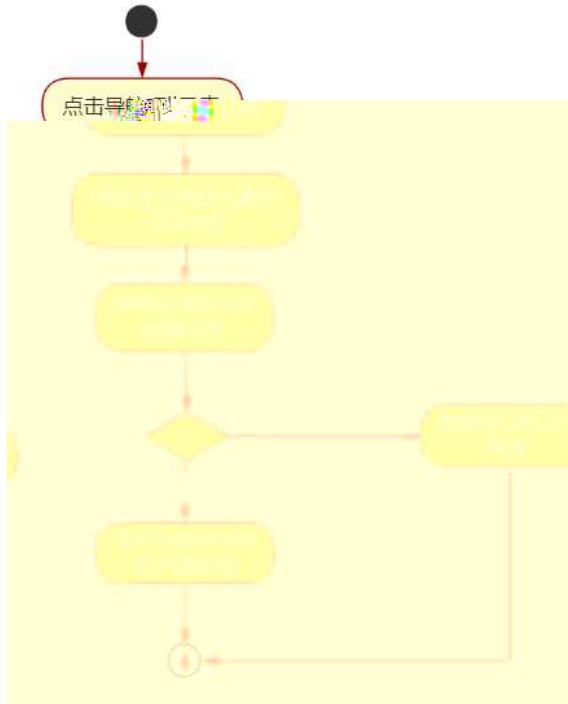
§ ?-r Ö B' -; JSON• & " fi * > =/f -(£, ~
 Ô-"r Ö) fi ', F >| Z. " Ô#1 § 5-1 Z. }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON wedding.json • & ")à Ô´ ?5
 N¥5F É~ § x Ì . † ; . p/j " » †&Ø + EØ ? s3P 5 *3 " #EØ ?- µØ i &Ø +
 , µØ " n/j * 5 *3 ,-(£ xæ ~



§ ?-r Ö

à * • & wedding.js " f 6 • & E ' wedding.htm • &] ~
 j x ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-r i &Ø + 71fi, µØ " # x xæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ B3+X FG JSON • & " xæ G> ?- N¥] n/j IMGs3P) ~; .(w "
 .(w ; Ø n/j NAMES3P, l ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z &Ø + (i 71fi > " # xxæ G> n/j JSON• &], (i -(£ x æ, x ì . ~ Ô#1 § 5-2 Z .)5 ~

B' Z &Ø + 2,)Û 71fi > " # xxæ G> n/j JSON• &], 2,)Û -(£ xæ, x ì . ~ Ô#1 § 5-3 Z .)5 ~

B' Z wedding.htm • & .1] " E wedding.js • &,-(£ .1 .(w ~ Ô#1 § 5-4 Z .)5 ~

B' Z wedding.js • &] B3+X JSON• & , .1 . (w ~ Ô#1 § 5-5 Z .)5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ, í &?-"r?æ \ Q Lt 2

oÑ oÖ3 h &Gÿ?-"r?æ \ Q Lt ?

oÑ oÖZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ!_2^®

5^{3/4}æÆ y 8"] ó_ O æÆ y 8" ()à (° *Aî O Z 1 J5 1 AOB 1 J
 B " — j xæ, ÓP " W (, = Ö" FP8 !, æ(| ~ (5 1 N'- > = j Fh '
 8Æ y 8" 5 "5 1 _ (FL g FJE÷ (5 1 , *Aî " , > ' A F+| Ó PFh '
 8Æ y 8" " \$ > ' /j (, xæ ~ (5 1 6 , (, xæ)æ5 G "AÙ\$ J, CE
 . F (, xæ " \$ J, GF9 (, xæ " \$ J, Òg Û ' (, xæ ~
 4ÿE÷} OMO"rB3.D "5 1 N'- 4ô4ðfI) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
 N'- , }1 N¥M 6 @ Z Q " 6 [_O~N¥^5/ =0 ^^ O J8Æ2 ^ /-08Æ ^ ¶+X8Æ"Rì
 8ÆAÖ] 8"Ct ^ 6 3+ A 1y ~ j Éh "8Æ y 8" "5 1 N'- O 4ô , @ "B' G÷+X
 -(~;5 N¥ O SE & ... @)à 8"Ct . Q " § -(£ + Ñ† ; Ö
 8"Ct N¥M ,N¥M 3 p
 8"Ct N¥M ,M 1N¥M AîAÑ
 8"Ct N¥M , Ô' ?)à

oÑloÒ!_ X?;

+ ÑO Ö)ß †G}5 ^ webN'- à* > Ô ~ 10 6 ^
 § ?-"r Ö

K *1 N" • & i Ö * 63+0 ' -N" ' > =, • & i " n p 91 N" • & "» † Ö
 3401033- k
 63P = f '1 N" • & i] x
 ! . G}5 Lö@ O § x
 ! . G}5 Web# ?† x
 , webN'- 3P x
 E webN'- pMO, css • & x

E webN'- pMO, js • & x

Q-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O

css ^js • & i " fIF T Z • & i ;, • &\$5 ?æ " Ö#1 § 1-1 Z .}5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O garden.htm ...garden.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^

j ... ·B N¥M ,5 N¥ 3 p ~



§ t ; Ö

1 - fi ' E R W W div : X! div] K * 9 Z à. div ~

2 - K * k v "X ; " K * = j "X] K

* # T Z " t ; Ö

3 - K * x "Aî5 "+X ¾n5 x,8Z ? x

4 - K * # x "Aî5 "+X ¾n5 # x v æ G> ~

5 - j 4 div Aî5 css "?"-r t ; Ö

.container Aî5 F2 í Ö` EØ v x

.sidebar Aî5 F2 í Ö`Q Ö^6ü .(w ^# 0# E0 x

.content Aî5 F2 í Ö`Q Ö^# 0# E0 ~

Ö-"r Ö

X garden.htm • &] 6 :B N" html .1 Z . " 0#1 § 2-1 Z . }5 ~

X garden.css • &] 6 :B N" css .1 Z . " 0#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

ON'-] , garden.htm • & ...garden.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^
^K. Ö 1yHTML71fi" ... @5 N¥] µØ s3P;5F É" f D! . fl+XCS\$9 ^ ^ } ^
g ? ^ • \ g ? ^Nì8ç ^6ü ^ j ^5 N¥ 3 p W1y ^7- .)à ... 5 N¥ g ? ^N¥M AîAÑ
x ì . t ; Ö



§ ?-"r Ö

1 ^ 0 garden.htm • & " fi ' , X f] j x ,8Z ?\$+ — ,8ZN' Ö

\$+ — ,8Z 7N" " k 7N" j 5/ =0 ^ " 7N" FRESH FLOWERS ORDER

\$+ — ,8ZN'ul 71fi "FJE÷li 71fi\$+ — ,8ZN' Ö¶8Æ2 ^+O 8Æ2 ^/l 8Æ2 ^

8" _8Æ2 ~

2 ^ 0 garden.css • & " 9' x ì . j ,8Z ?\$+ — g ? Ö

Aî5 k 7N" ^ 7N" g ? x

Aî5 ,8ZN' g ? x

Aî5 F9] ,8Z N' g ? x

Aî5 ,8Z N'Cµ4x. Ög ? x

3 ^ O garden.htm • & " j # x x æ G > \$+ — v æ .(w " X ,]\$+ — Ö

1 ^ \$+ — , +X %4n5 x æ G > 7N" " X] " \$+ — 3 Z Ö

1\1 Z " +X %4n/j EØ, 6 Ç4i x

1\2 Z " ÷X g n/j 94x 7N" 5/ =0 ^ ... /j x

1\3 Z " +X %4n/j #EØ, 6 Ç4i ~

2 ^ \$+ — , " +X %4 n p 9 x æ .(w " X]\$+ — 6 Z div

6 Z ü ü +X %4n/j § x æ x

X]\$+ — O Z x æ .(w ... O Z +X %4n/j x æ =0 ,!âm 71fi ~

4 ^ O garden.css • & " j x æ G > \$+ — Ö

Aî5 7N" div ... 7N" 6 Ç4div , g ? x

Aî5 n/j x æ .(w, g ? ~

Ö-"r Ö

X garden.htm • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X garden.css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 ^



§ ?-r Ö

à * banner.js • & " É }(' x pMO .1 ~
/j .(w "IQ j Ö banner01.jpg ^ banner02.jpg ^ banner03.jpg x
!ÿL~ 208 Ø7 O P .(w x
.(w ; Ø V 9 ,8Z " UP 70+ Ø# ,8Z " É n/j-(É .(w x

Ö-r Ö

X garden.htm • &] 6 :B N" html .1 Z . " Ö#1 § 4-1 Z . }5 ~
X garden.css • &] 6 :B N" css .1 Z . " Ö#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(É, • \ § -; JSON • & garden.json " JSON• &, µØ œ l ? †

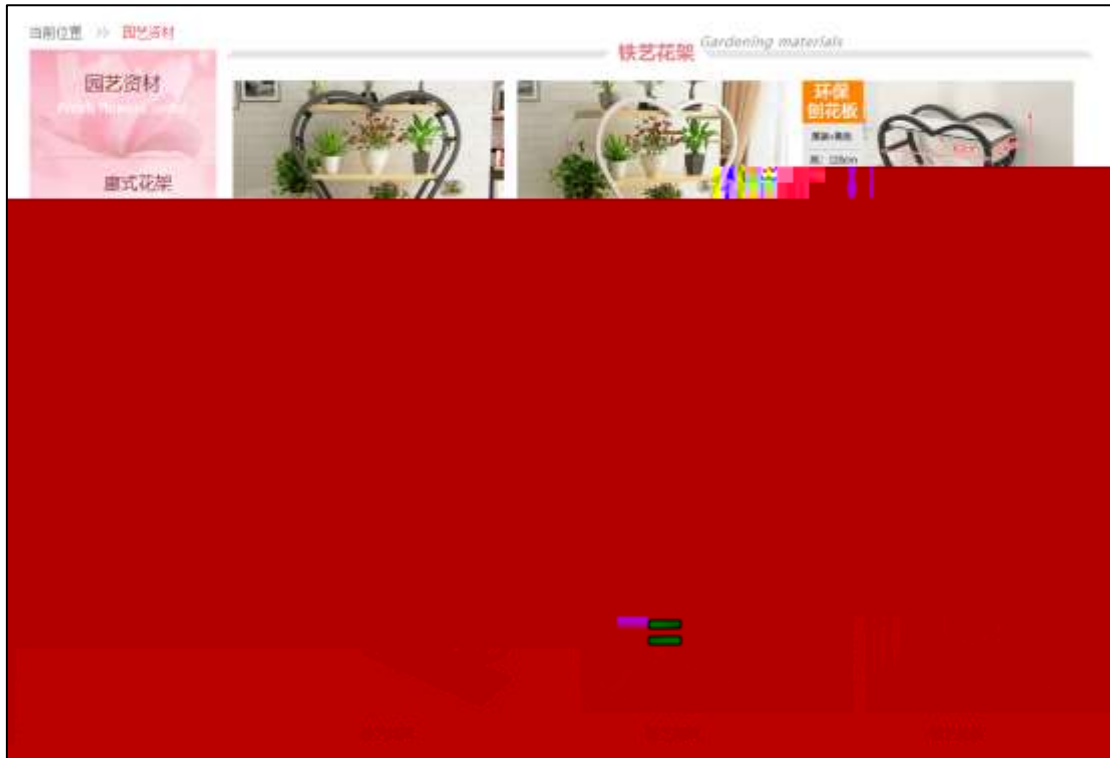
; . p/j Ö

```
{ "ID": "1", "TYPE": "园艺资材", "NAME": "廊式花架", "IMG": ". /IMG/garden/1.jpg" },
{ "ID": "2", "TYPE": "园艺资材", "NAME": "廊式花架", "IMG": ". /IMG/garden/2.jpg" },
{ "ID": "3", "TYPE": "园艺资材", "NAME": "廊式花架", "IMG": ". /IMG/garden/3.jpg" },
{ "ID": "4", "TYPE": "园艺资材", "NAME": "廊式花架", "IMG": ". /IMG/garden/4.jpg" },
{ "ID": "5", "TYPE": "园艺资材", "NAME": "廊式花架", "IMG": ". /IMG/garden/5.jpg" },
{ "ID": "6", "TYPE": "园艺资材", "NAME": "廊式花架", "IMG": ". /IMG/garden/6.jpg" },
{ "ID": "7", "TYPE": "园艺资材", "NAME": "片式花架", "IMG": ". /IMG/garden/7.jpg" },
{ "ID": "8", "TYPE": "园艺资材", "NAME": "片式花架", "IMG": ". /IMG/garden/8.jpg" },
{ "ID": "9", "TYPE": "园艺资材", "NAME": "片式花架", "IMG": ". /IMG/garden/9.jpg" },
{ "ID": "10", "TYPE": "园艺资材", "NAME": "片式花架", "IMG": ". /IMG/garden/10.jpg" },
{ "ID": "11", "TYPE": "园艺资材", "NAME": "片式花架", "IMG": ". /IMG/garden/11.jpg" },
{ "ID": "12", "TYPE": "园艺资材", "NAME": "片式花架", "IMG": ". /IMG/garden/12.jpg" },
```

§ ?-r Ö B' -; JSON• & " fi * > / X8Æ æ -(É, ~

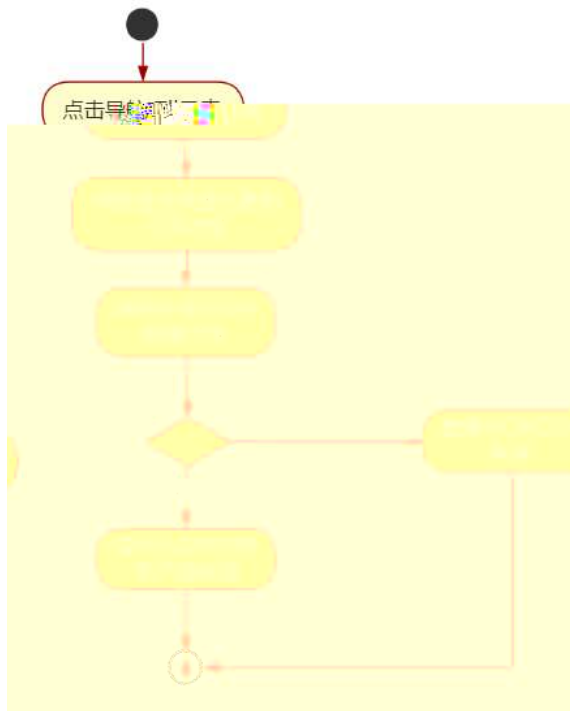
Ö-r Ö) fi ', F >| Z . " Ö#1 § 4-1 Z . }5 ~

2 F +X JS F Jquery ° _ "B3+X FG JSON garden.json • & ")à Ô´ ?5 N¥
5F É~ § x ì . † ; . p/j " » †&Ø + EØ ? s3P Jæ8"8Æ æ" #EØ ?- µØ i &Ø
+; µØ " n/j * Jæ8"8Æ æ ;-(É x æ ~



§ ?-r Ö

à* • & garden.js " f 6 • & E ' garden.htm • &] ~
 j x ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-r i &Ø + 71fi, μØ " # xxæ G> ?- ; 7N" n/j&Ø + 71fi,
 • \ μØ B3+X FG JSON • & "xxæ G> ?- N¥] n/j IMGs3P) ~; .(w "
 .(w ; Ø n/j NAMEs3P; I ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z &Ø + (w ?8Æ æ 71fi > " # xxæ G> n/j JSON• &], (w ?8Æ æ
 -(£ xæ, x ì . ~ Ô#1 § 5-2 Z .)5 ~

B' Z &Ø +) OB ?8Æ æ 71fi > " # xxæ G> n/j JSON• &],) OB ?8Æ
 æ -(£ xæ, x ì . ~ Ô#1 § 5-3 Z .)5 ~

B' Z garden.htm • & .1] " E garden.js • &,-(£ .1 .(w ~ Ô#1
 § 5-4 Z .)5 ~

B' Z garden.js • &] "B3+XJSON• &,-.1 .(w ~ Ô#1 § 5-5 Z . }
 5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÒ, í &?-"r?æ \ Q Lt 2

oÑ oÒ63 h &Gy?-"r?æ \ Q Lt ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

Lo#K w5³4\ 6â+X æ 9L 4ÿU93 \$ 5 +O x^KO ^ Ö 8H 6â+X æ œG} & ^a4Ô
5\$ = 8 É)^*†4Ô\$ = 8 É^ A72 = 8 É^ 7& É 6â+X æ œG} & ^ t j ~">
E G} & ^ E G} & ^8 >|E G} & ^F Ø« =O ^M» ^ m xDOj ^ O Ö 8H ^a4Ô\$ =
8 É)^*†4Ô\$ = 8 É^ A72 = 8 É^ 7& É... j àAî 7 ^F Ø« =O ^M» ^ m x
KO ^ Öæ§ ^& O ^>IO ÉxCW(F * ~

)à (^ ° *Aî O Z 1 J5 1 AOB 1 J B " — j xæ, ÓP " W (, = Ö"
FP8 !, æ(| ~ (5 1 N'- > = j Lo#K w5³4\ 5 ^5 1 _ (FL g ^FJE÷
(5 1 , *Aî " , > ' A F+| ÓPlo#K w5³4\ f æ " \$ > ' /j (, xæ ~ (5 1
6 (, xæ)à5 G ^AÙ\$ J, Æ . F (, xæ " \$ J, GF9 (, xæ " \$
J, Òg Û ' (, xæ ~

4ÿE÷} OMO"rB3.D5 1 N'- 4ô4ôKfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ Z Q " 6 [_O~N¥ ^ j k+ ^ xæ] ó ^ = Ñ_ 1 ^ 8 l d ^
ä+ Ø1 ^ £ ¾A ^ 6 3+ A 1y ~ j Élo#K w5³4\ ^5 1 N'- O 4ô, @ ^B' G÷+X
-(^,5 N¥ O §E & ... @)à ; -(£ + ÑÖ

xæ] ó N¥M ,N¥M 3 p

xæ] ó N¥M ,M 1N¥M AîAÑ

xæ] ó N¥M , Ó' ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß †G}5 > webN'- à* ~10 6 "

§ ?-"r Ö

1) K *1 N" • & i ÖK * 63+O ' -N" ' > =, • & i " n p 91 N" • & " » † Ö

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- 3) ! . G}5 L@ O § x
- 4) ! . G}5 Web# ?f x
- 5) , webN'- 3P x
- 6) E webN'- pMO,; css • & x
- 7) E webN'- pMO,; js • & x

Ö-"r Ö

B' X web O §;N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
 css ^ js • & i " fIF T Z • & i ;, • & \$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O product. html ...product.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ...
 .B N¥M ;,5 N¥ 3 p ~



§ t ; Ö

```

1 - fi ' class="container" ; div " X! div ] K * 9 Z div ~
2 - x div "Aî5 class="main-left leftFloat" "+X ¾n5 x,8Z ? x
3 - # x : div "Aî5 class="location" "+X ¾M 5 ,8Z ~
4 - # x ; div "Aî5 class="main-right rightFloat" "+X ¾n5 # x x æ G> ~
5 - j 4 div Aî5 css "?-r † ; Ö
    Aî5 .container , g ? x
    Aî5 .main-left , g ? x
    Aî5 .left Float , g ? x
    Aî5 .location , g ? x
    Aî5 .main-right , g ? x
    Aî5 .rightFloat , g ? x

```

Ö-r Ö

X product.html • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X product.css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

O product.html ...product.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö
1yHTML71fi" ... @5 N¥] µØ s3P,5F É" f D! . fl+XCSS9 ^ } ^ g ? ^
• \ g ? ^Nì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7- .)à... • 5 N¥ g ? ^N¥M AîAÑx ì . †
; Ö



§ ?-r Ö

1 ^ O product.html • & " X x F O D V V - Ø B L W O H I, W d i v R S D W , 8 Z N' " § † ; Ö

1 \$+ —div 71fi "Aî5 class="sidebar_title" " X div 71fi µ\$+ —h1 71fi " X h1 7 1fi µ\$+ —• j x æ] ó x

2 ^\$+ —div 71fi "Aî5 class="sidebar_center" " X div 71fi µ\$+ —ul 71fi "Aî5 id="btn" " X ul 71fi]\$+ — ~ Z I i 71fi " X 4 I i 71fi] w\$+ —a 71fi "K. ÖjO" " X 4 a 71fi] " ò x ì . "IQ\$+ —• Öà æ Ø ^C^a*33+ G ^2 *33+ G ^ *33+ G ^ f † 3+ G x

2 ^ O product.css • & " ò x ì . j , 8 Z ?\$+ — css g ? " § † ; Ö

- Aî5 .sidebar_title ,: g ? x
- Aî5 .sidebar_title h1 ,: g ? x
- Aî5 .sidebar_center ,: g ? x
- Aî5 .sidebar_center ul ,: g ? x
- Aî5 .sidebar_center li ,: g ? x
- Aî5 .sidebar_center li a ,: g ? x
- Aî5 .sidebar_center li a: hover ,: g ? x

3 ^ O product.html • & " X # x F O D V V O R F D I W I S R Q M 5 , 8 Z " §
† ; Ö

1 \$+ —div 71fi "Aî5 class="location01 rightFloat" X div 71fi µ\$+ —ul 71fi "
X ul 71fi µ\$+ — Zli 71fi " 4li 71fi µØ "IQ j Ö

j1\ 1 Z li 71fi "Aî5 class="location02" "\$+ — • j Ø }, }5 Öx

X1\2 Z li 71fi µ\$+ —a 71fi "K. Ö" index.html "\$+ — • j O~N¥ x

X1\3 Z li 71fi µ\$+ — • j x

X1\4 Z li 71fi µ\$+ —a 71fi "K. Öj0" "\$+ — • j æ /j x

X1\5 Z li 71fi µ\$+ — • j x

X1\6 Z li 71fi µ\$+ —a 71fi "K. Öj0" fAî5 id="title_c" \$+ — • j à
æ Ø x

4 ^ O product.css • & " ð x ì . j M 5 , 8 Z j \$+ — css g ? " § † ; Ö

Aî5 .location01 li , g ? x

Aî5 .location01 li a , g ? x

Aî5 .location02 , g ? x

5 ^ O product.html • & " X # x F O D V V - Ø D L K W U L J K W I V Q S R D W æ
G > " § † ; Ö

1 "\$+ —div 71fi "Aî5 class="location_center" " id="thepic" x

2 X :F div 71fi]\$+ — Zdiv 71fi Z div 71fi wAî5 class="products" " X

4 µ | , div 71fi]\$+ — ; µØ Ö

\$+ —a 71fi "K. Öj0" " X a 71fi µð x ì . "IQ\$+ — .(w x

\$+ —a 71fi "K. Öj0" , fAî5 class="products01" " X a 71fi µð x ì . "IQ

\$+ — yF • x

6 ^ O product.css • & " ð x ì . j x æ G > \$+ — css g ? " § † ; Ö

Aî5 .location_center , g ? x

Aî5 .products01 , g ? x

Aî5 .products01: hover , g ? x

Ô -"r Ö

X product.html • &] 6 :B N" html .1 Z . " Ô #1 § 3-1 Z . }5 ~

X product.css • &] 6 :B N" css .1 Z . " 0#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& ; Ø1 x Ì ~ 15 6 ~



§ ?-r Ö

O product.js • & " É }(' x pMO .1 ~
 /j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg ×
 !yL ~ 20 8 Ø7 O P .(w ×
 UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn ×
 UP 7&Ø + 3R E j " 6 n/j > { #) ~,·E Ý.(w "UP 70+ O >5 5 Ýn ×

0-r Ö

B' Z :; fl z «& (w x Ì . " 0#1 § 4-1 Z . }5 ~
 B' Z : x Ì, js .1, .(w " 0#1 § 4-2 Z . }5 ~

+ Ñ ~ ^B3+X FG JSON• & " .)à Ö ?5 N¥ ~ 25 6 ~

1 F +X-(£, • \ § -; JSON • & ball.json "JSON• &, µØ œ l ? † ;
 . p/j Ö

```

{"ID":"1","TYPE":"产品中心","NAME":"新品推荐","IMG":"./IMG/BALL/1.jpg"},
{"ID":"2","TYPE":"产品中心","NAME":"新品推荐","IMG":"./IMG/BALL/2.jpg"},
{"ID":"3","TYPE":"产品中心","NAME":"新品推荐","IMG":"./IMG/BALL/3.jpg"},
{"ID":"4","TYPE":"产品中心","NAME":"新品推荐","IMG":"./IMG/BALL/4.jpg"},
{"ID":"5","TYPE":"产品中心","NAME":"新品推荐","IMG":"./IMG/BALL/5.jpg"},
{"ID":"6","TYPE":"产品中心","NAME":"新品推荐","IMG":"./IMG/BALL/6.jpg"},
{"ID":"7","TYPE":"产品中心","NAME":"足球系列","IMG":"./IMG/BALL/7.jpg"},
{"ID":"8","TYPE":"产品中心","NAME":"足球系列","IMG":"./IMG/BALL/8.jpg"},
{"ID":"9","TYPE":"产品中心","NAME":"足球系列","IMG":"./IMG/BALL/9.jpg"},
{"ID":"10","TYPE":"产品中心","NAME":"足球系列","IMG":"./IMG/BALL/10.jpg"},
{"ID":"11","TYPE":"产品中心","NAME":"足球系列","IMG":"./IMG/BALL/11.jpg"},
{"ID":"12","TYPE":"产品中心","NAME":"足球系列","IMG":"./IMG/BALL/12.jpg"}

```

§ ?-r Ö

B' -; JSON• & " fi * > *33+ G -(£, ~

Ô-"r Ö

) fi ' ; F > | Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F Jquery ° _ "B3+X FG JSON ball.json • & " ,)à Ô´ ?5 N¥5F
 É~ » t&Ø + EØ ? s3P C*33+ G " #EØ ?- µØ i &Ø +, µØ " n/j * C*33+
 G ,-(£ xæ ~ § x Ì . t ; . p/j "# ?4Ø 74Ø j j F. j ~



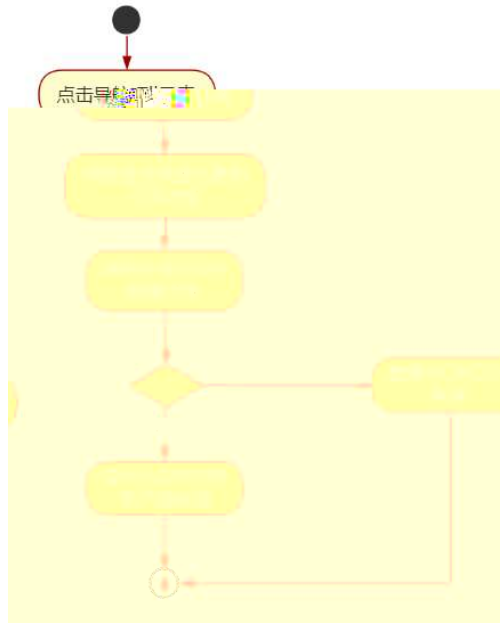
§ ?-r Ö

à * • & ball.js " f 6 • & E ' product.htm • &] ~

j x ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~

UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # x xæ G > ?- , 7N" n/j&Ø + 71fi,

• \ μ Ø B3+X FG JSON • & "xæ G> ?- N¥] n/j IMGs3P) ~, .(w " .(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ö-"r Ö

B' Z &Ø + 2 *33+ G 71fi > " # xxæ G> n/j JSON• &],. 2 *33+ G
-(£ xæ, x ì . " Ö#1 § 5-2 Z .)5 ~

B' Z &Ø + *33+ G 71fi > " # xxæ G> n/j JSON• &],. *33+
G -(£ x æ, x ì . " Ö#1 § 5-3 Z .)5 ~

B' Z product.htm • & .1] " E ball.js • &,-(£ .1 .(w " Ö#1 §
5-4 Z .)5 ~

B' Z ball.js • &] "B3+X JSON• &,- .1 .(w " Ö#1 § 5-4 Z .)5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑ oÖ, í &?-"r?æ \ Q Lt 2

oÑ oÖ 3 h &Gy?-"r?æ \ Q Lt ?

oÑ oÖZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

Lo#K w5³¹\ 6â+X æ 9L 4ÿU93 \$ 5 +O x^KO ^ Ö 8H 6â+X æ œG} & ^ª4Ô
5\$ = 8 É^)*†4Ô\$ = 8 É^ A72 = 8 É^ 7& É 6â+X æ œG} & ^ t j ~">
E G} & ^ E G} & ^8 >|E G} & ^F Ø« =O ^M» ^ m xDO f ^ O Ö 8H ^ª4Ô\$ =
8 É^)*†4Ô\$ = 8 É^ A72 = 8 É^ 7& É... j àAî 7 ^F Ø« =O ^M» ^ m x
KO ^ Öæ§ ^& O ^>IO ÉxCW(F * ~

)à (^ ° *Aî O Z 1 J5 1 AOB 1 J B ~ — j xæ, ÓP ~ W (,· = Ö"
FP8 !,· æ(| ~ (5 1 N'- > = j Lo#K w5³¹\ 5 ¹5 1 _ (FL g ^FJE÷
(5 1 ,· *Aî ~ ,· > ' A F+| ÓPlo#K w5³¹\ f æ ~ \$ > ' /j (,· xæ ~ (5 1
6 (,· xæ)à5 G ^AÙ\$ J,· CE . F (,· xæ ~ \$ J,· GF9 (,· xæ ~ \$
J,· Òg Û ' (,· xæ ~

4ÿE÷} OMO"rB3.D ¹5 1 N'- 4ô4ôkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- ,· }1 N¥M 6 @ Z Q ~ 6 [_O~N¥ ^ j k+ ^ xæ] ó ^ = Ñ_ 1 ^ 8 l d ^
ä+ Ø1 ^ £ ¾A ^ 6 3+ A 1y ~ j Élo#K w5³¹\ ¹5 1 N'- O 4ô,· @ ^B' G÷+X
-(~,·5 N¥ O §E & ... @)à ; -(£ + ÑÖ

- ä+ Ø1 N¥ M ,·N¥M 3 p
- ä+ Ø1 N¥M ,·M 1N¥M AîAÑ
- ä+ Ø1 N¥M ,· Ô´ ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß †G}5 > webN'- à* ~10 6 ~

§ ?-"r Ö

1) K *1 N" · & i ÖK * 63+O ' -N" ' > =, · & i ~ n p 91 N" · & "» † Ö

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2) 63P = f '1 N" · & i] x

- 3) ! . G}5 L@ O § x
- 4) ! . G}5 Web# ?f x
- 5) , webN'- 3P x
- 6) E webN'- pMO,; css • & x
- 7) E webN'- pMO,; js • & x

Ö-"r Ö

B' X web O §;N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
 css ^js • & i " fIF T Z • & i ;, • &\$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O news.html ...newscss • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ... ·B N¥
 M ,5 N¥ 3 p ~



§ t ; Ö

```

1 fi class="container" ; div X! div ] K * 9 Z div ~
2 x div "Aî5 class="main-left leftFloat" "+X ¾n5 x ,8Z ? x
3 # x : div "Aî5 class="location" "+X ¾M 5 ,8Z ~
4 # x ; div "Aî5 class="main-right rightFloat" "+X ¾n5 # x à+ G> ~
5 j 4 div Aî5 css "?-r † ; Ö
    Aî5 .container , g ? x
    Aî5 .main-left , g ? x
    Aî5 .leftFloat , g ? x
    Aî5 .location , g ? x
    Aî5 .main-right , g ? x
    Aî5 .rightFloat , g ? x

```

Ö- "r Ö

X newshtml • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X news css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

O news.html ...newscss • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö 1yHTML
71fi" ... @5 N¥] µØ s3P,5F É" f D! . fl+X CSSF9 ^ } ^ g ? ^ • \ g
? ^Nì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7-)à... • 5 N¥ g ? "N¥M AîAÑx Ì . † ; Ö



§ ?- "r Ö

1 ^ O news.html • & " X x F O D V V - Ø B L W O H I , W d i O P S D W , 8 Z N ' " § t ; Ö

1 \$+ —div 71fi "Aî5 class="sidebar_title" " X div 71fi µ\$+ —h1 71fi " X h1 7 1fi µ\$+ — • j à+ Ø1 x

2 \$+ —div 71fi Aî5 class="sidebar_center" X div 71fi µ\$+ —ul 71fi id="btn" " X ul 71fi]\$+ — Z li 71fi " X 4 li 71fi] w\$+ —a 71fi "K. ÖjO" " X 4 a 71fi] " ò x ì . " ! Q \$+ — • Ö1 J à+ ^ > | J à+ ^ ' £ # ^ 1 J 9 @ , , x

2 ^ O newscss • & " ò x ì . j , 8 Z ? \$+ — css g ? " § t ; Ö

- Aî5 .sidebar_title , g ? x
- Aî5 .sidebar_title h1 , g ? x
- Aî5 .sideba r_center , g ? x
- Aî5 .sidebar_center ul , g ? x
- Aî5 .sidebar_center li , g ? x
- Aî5 .sidebar_center li a , g ? x
- Aî5 .sidebar_center li a: hover , g ? x

3 ^ O news.html • & " X # x ,]\$+ —M 5 , 8 Z " § t ; Ö

1 \$+ —div 71fi Aî5 class="location01 rightFloat" X div 71fi µ\$+ —ul 71fi " X ul 71fi µ\$+ — Z li 71fi " 4 li 71fi µ Ø " ! Q j Ö

- j1\ 1 Z li 71fi "Aî5 class="location02" " X li 71fi µ\$+ — • j Ø } , } 5 Ö
- X1\2 Z li 71fi µ\$+ —a 71fi "K. Ö' index.html " \$+ — • j O ~ N ¥ x
- X1\3 Z li 71fi µ\$+ — • j x
- X1\4 Z li 71fi µ\$+ —a 71fi "K. ÖjO" " fAî5 id="title_c" " \$+ — • j à L+ Ø1 x

4 ^ O newscs s • & " ò x ì . j M 5 , 8 Z j \$+ — css g ? " § t ; Ö

- Aî5 .location01 li , g ? x
- Aî5 .location01 li a , g ? x
- Aî5 .lo cation02 , g ? x

5 ^ O news.html • & " X # x 1 ,]\$+ — à+ G > " §

t ; Ö

1 ^ \$+ —div 71fi "Aî5 class=" content_right_main " x

1 ^ X div 71fi]\$+ —ul 71fi "Aî5 id="thenews" x

2 ^ X ul 71fi]\$+ — Zli 71fi x

3 ^ X 4 li 71fi]\$+ — ; µ Ø Ö

\$+ —a 71fi "K. ÖjO" " f X a 71fi] ò x ì . "IQ\$+ — àL+ 7N" • x

ò x ì . "IQ\$+ — àL+ O • x

6 ^ O newscss • & " ò x ì . j àL+ G> \$+ — css g ? " § t ; Ö

Aî5 .content_right_main ul , g ? x

Aî5 .content_right_main li , g ? x

Aî5 .content_right_main li a , g ? x

Aî5 .content_right_main li a: hover , g ? x

Ö—"r Ö

X newshtml • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X news css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x ì ~ 15 6 ^



§ ?—"r Ö

O newsjs • & " É }(' x pMO .1 ~

/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x

!ÿL~ 20 8 Ø7 O P .(w x

UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn x

UP 7&Ø + 3R E j " 6 n/j > { #) ~, E Ý.(w "UP 70+ 0 >5 5 Ýn x
 Ô-"r Ö

B' Z :; fl z «& (w x ì . " Ô#1 § 4-1 Z . }5 ~
 B' Z : x ì ; js .1; .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & " .)à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(£; • \ § -; JSON • & ballnew.json " JSON• & µØ œ l ?
 t ; . p/j Ö

```
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```

§ ?-"r Ö

B' -; JSON• & " fi * > ' £# -(£; ~

Ô-"r Ö

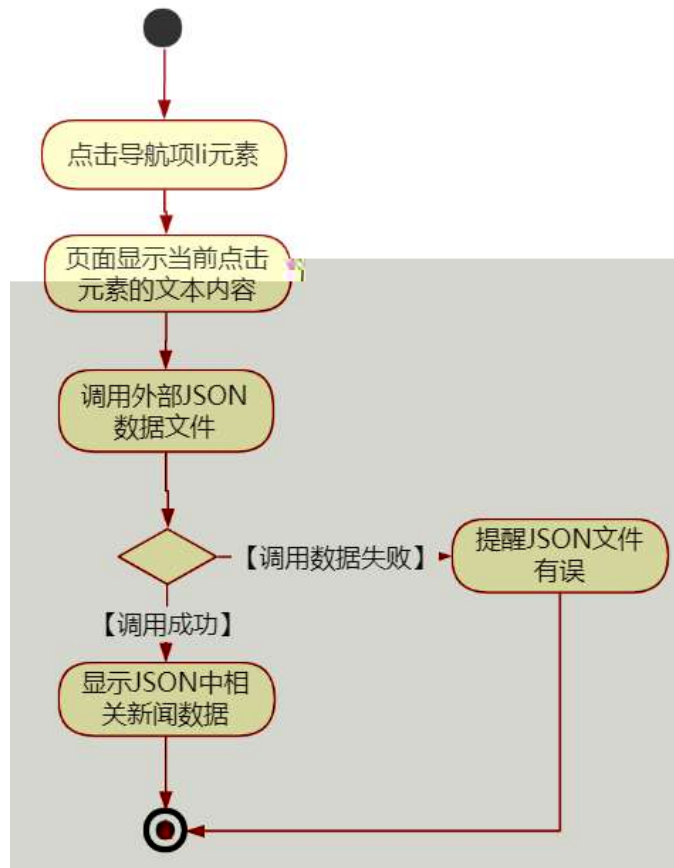
) fi ; F > | Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON ballnews.json • & " .)à Ô´ ?5
 N¥5F É~ » t&Ø + EØ ? s3P > | J à+ " #EØ ?- µØ i &Ø +; • \ " n/j * > |
 J à+ -(£; à+ G> ~ § x ì . t ; . p/j "# ?4Ø¢ 74Ø j j F; j



§ 5-2 Z . }5 ~

à * • & ballnews.js " f 6 • & E ' news.html • &] ~
 j x: ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?"r i &Ø + 71fi; μØ " # xxæ G> ?- ; 7N" n/j&Ø + 71fi;
 • \ μØ "B3+X FG JSON • & " äL+ G> ?- N¥] n/j TITLE s3P) ~; à
 L+ 7N" " äL+ 3 &L\$ TIME s3P; IM # n/j ~ § &Ø + » &,-(£#k Ø. † ;
 . p/j Ö



§ 5-3 Z . }5 ~

B' Z &Ø + ' £# 71fi > " # xäL+ G> n/j JSON • &] ; ' £#
 -(£ äL+; x ì . " Ö#1 § 5-2 Z . }5 ~

B' Z &Ø + 1 J9 @, 71fi > " # xäL+ G> n/j JSON • &] ; 1 J9 @,
 -(£ äL+; x ì . " Ö#1 § 5-3 Z . }5 ~

B' Z news.html • & .1] " E ballnews.js • &,-(£ .1 .(w " Ö#1
 § 5-4 Z . }5 ~

B' Z ballnews.js • &] "B3+X JSON• &. .1 .(w " Ô#1 § 5-5 Z . }
5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑ oÒ, í &?-"r?æ \ Q Lt 2

oÑ oÒ63 h &Gÿ?-"r?æ \ Q Lt ?

oÑ oÒZ, ÄM,, xX•5ß& e . ?

oÑloÒ !!_2^®

O ~ 'AîAÑ9L ()DÛj „ 9 ï 2 o 'AîAÑp " @OB ¼ 1995 / " 2007 / 2 8 i
f j „ 9 ï 2 o 'AîAÑ9L (" 2010 / 12 8 \$ = j#]+X 2 o 'AîAÑ9L (" §
9Np ' O:AîAÑCN' 4x" 2 o>| J ~F D O; ^ "d O; ~ C J 4x" 2 o>| J ~5
"d O; ~ C J I4x , 2 o +X O; ~ 2 o ÔJ ^Np ' ~ C J 4x" 2 o>| J ~5
AÑI4x" 2 o>| J ~5 ... i\$h?ô BAî
AÑI4x" 2 o>| J ~5 (9 ' O J ~AîAÑ ~ j k " T d ~ 4x" 2 o>| J ~5
, : Q ? " @OB ¶ „ 9 wL 2 o 'AîAÑ9L (^ „ 9]+X • F 9L (T Z
(... :#§ 6 (~

)à (^ ° *Aî O Z 1 J5 1 AOB 1 J B " — j xæ, ÓP " W (,. = Ö
FP8 !, æ(| ~ (5 1 N'- > = j O ~ 'AîAÑ9L (5 '5 1 _ (FL
g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓP O ~ 'AîAÑ9L (" \$ > ' /j (,
, xæ ~ (5 1 6 (, xæ)à5 G 'AÛ\$ J, Æ . F (, xæ " \$ J, GF9
(, xæ " \$ J, Òg Û ' (, xæ ~

4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4ôKfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ Z Q " 6 [_O~N¥ ^ († á ^ O ~ LO ^ æ /j ^ (ä+ ^
Òg = Ñ ^ Æ } 6 ^6 3+ A 1y ~ j ÉO ~ 'AîAÑ9L ('5 1 N'- O 4ô , @
"B' G÷+X-(~,5 N¥ O §E & ... @)à ; -(£ + ÑÖ

- æ /j N¥M ,N¥M 3 p
- æ /j N¥M ,M 1N¥M AîAÑ
- æ /j N¥M , Ô ^ ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß †G}5 > webN'- à* ~ 10 6 ^
§ ?- "r Ö

1) K *1 N" • & i ÖK * 63+O ' -N" ' > =, • & i " n p 91 N" • & " » † Ö

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2) 63P = f '1 N" • & i] x

3) ! . G}5 L@ O § x

4) ! . G}5 Web# ?! x

5) , webN'- 3P x

6) E webN'- pMO,· css • & x

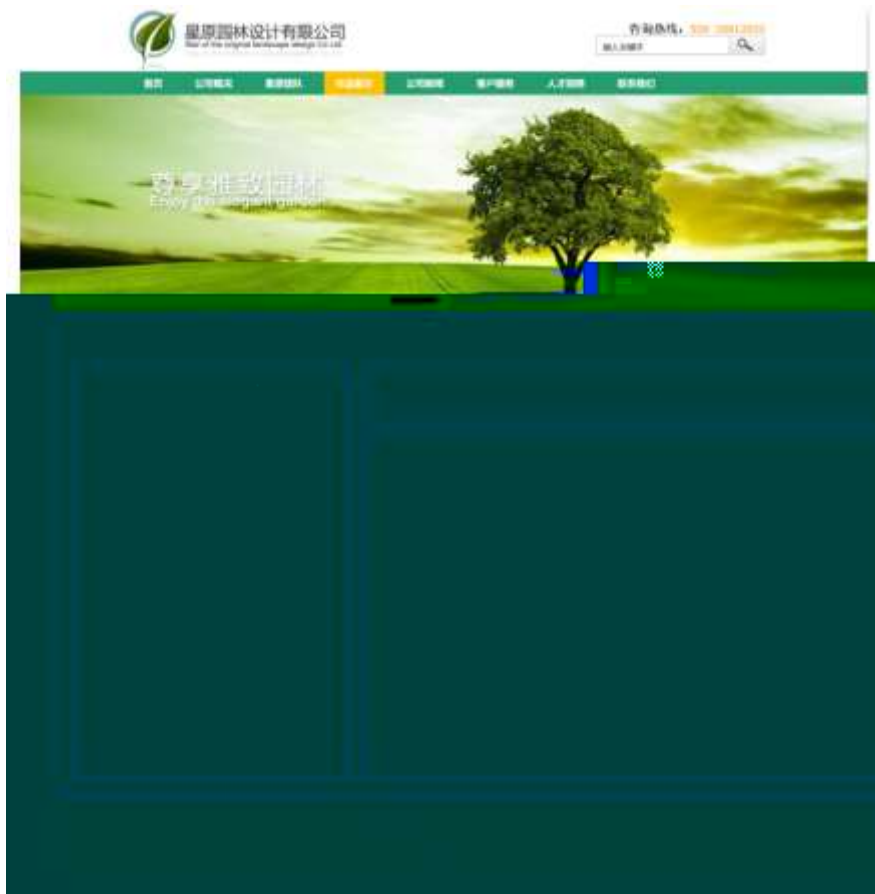
7) E webN'- pMO,· js • & x

Ö-r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, web N'- .(w " Z { }B' O
css ^js • & i " fIF T Z • & i ;, • &\$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O show.html ...showcss • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ jB N¥
M ,5 N¥ 3 p ~



§ t ; Ö

1 - fi ' class=" main" , div " X! div] K * 9 Z div ~

2 - x div "Aî5 class="main_left" "+X %4n5 x,8Z ? x

3 - # x : div "Aî5 class="main_top" "+X %M 5 ,8Z ~

4 - # x ; div "Aî5 class="main_con" "+X %4n5 # x æ /j G> ~

5 - j 4 div Aî5 css "?-r t ; Ö

Aî5 .main , g ? x

Aî5 .main_left , g ? x

Aî5 .main_top , g ? x

Aî5 .main_con , g ? ~

Ö-r Ö

X showhtml • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X showcass • &] 6 :B N" cass .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

O show.html ... showcass • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^ K. Ö 1yHTML
71fi" ... @5 N¥] µØ s3P,5F É" f D! . fl+XCSSF9 ^ } ^ g ? ^ • \ g
? ^ Nì8ç ^ 6ü ^ j ^ 5 N¥ 3 p W1y ^ 7-)à... . 5 N¥ g ? "N¥M AîAÑx Ì . t ; Ö



§ ?-r Ö

- 1 ^ O show.html • & " X x F O D V V P D L, Q d v O] \$ + W , 8 Z N ' " § t ; Ö
1 ^ \$ + — div 71fi " Aî5 class="title" " X div 71fi] \$ + — • j æ / j x
2 ^ \$ + — div 71fi " Aî5 class="menu" " id="btn" " X div 71fi] \$ + — ~ Z a 71fi "
- K. ÖjO" " ò x ì . X 4 a 71fi] \$ + — • Ö H L i p 2 ^ N p i ? K w ^ 5 % 4 m ? K w ^ 5 % 4 m
^ ? ä N \ ! S C ~
- 2 ^ O show.css • & " ò x ì . j , 8 Z ? \$ + — css g ? " § t ; Ö
Aî5 .title , g ? x
Aî5 .menu , g ? x
Aî5 .menu a , g ? x
Aî5 .menu a : hover , g ? x
- 3 ^ O show.html • & " X # x , [\$ + — M 5 , 8 Z " § t ; Ö
1 ^ \$ + — img 71fi " ò x ì . \$ + — . (w x
2 ^ \$ + — a 71fi " K. Ö # index.html N ¥ M " X a 71fi] \$ + — • j O ` N ¥ x
3 ^ \$ + — • j x
4 ^ \$ + — a 71fi " K. Ö # show.html N ¥ M " X a 71fi] \$ + — • j æ / j x
5 ^ \$ + — • j x
6 ^ \$ + — a 71fi " K. ÖjO" " Aî5 id="title_c" " • j H L i p 2 x
- 4 ^ O show.css • & " ò x ì . j M 5 , 8 Z j \$ + — css g ? " § t ; Ö
Aî5 .main_top a , g ? x
Aî5 .main_top a : hover , g ? x
- 5 ^ O show.html • & " X # x , [\$ + — æ / j G > " § t ; Ö
1 ^ \$ + — div 71fi " Aî5 class="content" " id="thepic" x
2 ^ X : div 71fi] \$ + — ul 71fi " X ul 71fi] \$ + — Z l i 71fi x
3 ^ X 4 l i 71fi] \$ + — ; µ Ø Ö
\$ + — a 71fi " K. ÖjO" " f X a 71fi] ò x ì . " ! Q \$ + — . (w x
\$ + — span 71fi " X span 71fi] \$ + — a 71fi " K. ÖjO" " f X a 71fi] ò x ì .
" ! Q \$ + — • x
- 6 ^ O show.css • & " ò x ì . j æ / j G > \$ + — css g ? " § t ; Ö

Aî5 .content ,: g ? x
 Aî5 .content ul ,: g ? x
 Aî5 .content ul li ,: g ? x
 Aî5 .content ul li>a ,: g ?
 Aî5 .content ul li>a:hover ,: g ? x
 Aî5 .content ul li span ,: g ? x
 Aî5 .content ul li span a ,: g ?
 Aî5 .c ontent ul li span a:hover ,: g ? x
 Aî5 #thepic img ,: g ? x

Ô-"r Ö

X show.html • &] 6 :B N" html .1 Z . " Ô#1 § 3-1 Z . }5 ~
 X show.css • &] 6 :B N" css .1 Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x ì ~ 15 6 -



§ ?-"r Ö

O showjs • & " É }(' x pMO .1 ~
 /j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x
 !ÿL~ 2 0 8 Ø7 O P .(w x
 UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn x
 UP 7&Ø + 3R E j " 6 n/j > { #) ~,E Ý.(w "UP 70+ O >5 5 Ýn x

Ô-"r Ö

B' Z : , fl z «& (w x ì . " Ô#1 § 4-1 Z . }5 ~

B' Z : x ì, js .1, .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(£, • \ § -; JSON • & park.json "JSON• &, μØ œ l ? † ;
. p/j Ö

```
{ "ID": "1", "TYPE": "作品展示", "NAME": "优雅城市", "IMG": "/IMG/BALL/1.jpg",
  "ID": "2", "TYPE": "作品展示", "NAME": "优雅城市", "IMG": "/IMG/BALL/2.jpg",
  "ID": "3", "TYPE": "作品展示", "NAME": "优雅城市", "IMG": "/IMG/BALL/3.jpg",
  "ID": "4", "TYPE": "作品展示", "NAME": "优雅城市", "IMG": "/IMG/BALL/4.jpg",
  "ID": "5", "TYPE": "作品展示", "NAME": "优雅城市", "IMG": "/IMG/BALL/5.jpg",
  "ID": "6", "TYPE": "作品展示", "NAME": "优雅城市", "IMG": "/IMG/BALL/6.jpg",
  "ID": "7", "TYPE": "作品展示", "NAME": "风情小镇", "IMG": "/IMG/BALL/7.jpg",
  "ID": "8", "TYPE": "作品展示", "NAME": "风情小镇", "IMG": "/IMG/BALL/8.jpg",
  "ID": "9", "TYPE": "作品展示", "NAME": "风情小镇", "IMG": "/IMG/BALL/9.jpg",
  "ID": "10", "TYPE": "作品展示", "NAME": "风情小镇", "IMG": "/IMG/BALL/10.jpg",
  "ID": "11", "TYPE": "作品展示", "NAME": "风情小镇", "IMG": "/IMG/BALL/11.jpg",
  "ID": "12", "TYPE": "作品展示", "NAME": "风情小镇", "IMG": "/IMG/BALL/12.jpg" }
```

§ ?-"r Ö B' -; JSON• & " fi * > 5¾m -(£, ~
Ô-"r Ö) fi ', F >| Z . " Ô#1 § 5-1 Z . }5 ~

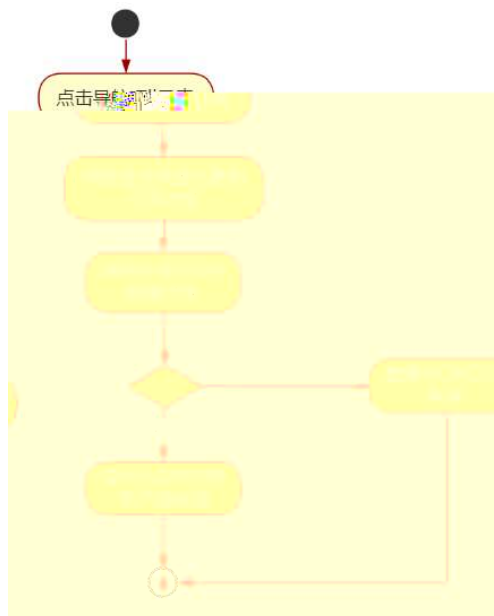
2 F +X JS F JQuery ° _ "B3+X FG JSON park.json • & ")à Ô´ ?5 N¥5F
É~ » t&Ø + EØ ? s3P Np i ?Kw " #EØ ?- μØ i &Ø +, μØ " n/j * Np i ?
Kw ,-(£ xæ ~ § x ì . t ; . p/j "# ?4Ø¢ 74Ø j j F; j ~



§ ?-"r Ö

à * • & park.js " f 6 • & E ' show.html • &] ~
j x ,8ZN' ul 71fi] i s3P\$+ —UP 7 + » & ~

UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # xxæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ B3+X FG JSON • & "xxæ G> ?- N¥] n/j IMGs3P) ~, .(w "
 .(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &, -(£#k Ø. † ; . p/j Ö



Ö-"r Ö

B' Z &Ø + 5¼m 71fi > " # xxæ G> n/j JSON• &], 5¼m
 -(£ xxæ, x ì . , Ö#1 § 5-2 Z .)5 ~

B' Z &Ø + 5¼m ?Kw 71fi > " # xxæ G> n/j JSON• &], 5¼m ?Kw
 -(£ xxæ, x ì . , Ö#1 § 5-3 Z .)5 ~

B' Z show.html • & .1] " E park.j s • &, -(£ .1 .(w , Ö#1 § 5-
 4 Z .)5 ~

B' Z park.js • &] "B3+X JSON• &, .1 .(w , Ö#1 § 5-5 Z .)5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

~ 2 ~ , í &?-"r?æ \ Q Lt 2

oÑ oÖ3 h &Gy?-"r?æ \ Q Lt ?

oÑ oÖZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

O ~ 'AîAÑ9L ()DÛj „ 9 ï 2 o 'AîAÑp " @OB 34995 / " 2007 / 2 8 i
f j „ 9 ï 2 o 'AîAÑ9L (" 2010 / 12 8 \$ = j#]+X 2 o 'AîAÑ9L (" \$
9Np ' O:AîAÑCN' 4x " 2 o>| J ~F D O; ^ "d O; ~ C J 4x " 2 o>| J ~5
"d O; ~ C J I4x , 2 o +X O; ~ 2 o ÔJ ^Np ' ~ C J 14x CtCX ... i\$h?ô BAî
AÑI4x CtCX ~ (9' O J ~AîAÑ ~ j k " T d ~ ^ O; ~ & h " Z A ~ • F ~
, : Q ? " @OB ¶ „ 9 wL 2 o 'AîAÑ 9L (^ „ 9]+X • F 9L (T Z
(... :# \$ 6 (~
)à (^ ° *Aî O Z 1 J5 1 AOB 1 J B " — j xæ; Ó P " W (, . = Ö'
FP8 !; æ(| ~ (5 1 N'- > = j O ~ 'AîAÑ9L (5 '5 1 _ (FL
g 'FJE÷ (5 1 ; *Aî " , > ' A F +| ÓP O ~ 'AîAÑ9L (" \$ > ' /j (
, xæ ~ (5 1 6 (, xæ)à5 G 'AÛ\$ J; Æ . F (, xæ " \$ J; GF9
(, xæ " \$ J; Òg Û ' (, xæ ~
4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4âkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À " 6 \5 1
N'- , }1 N¥M 6 @ Z Q " 6 [_O~N¥ ^ († â ^ O ~ LO ^ æ /j ^ (ä+ ^
Òg = Ñ ^ Æ } 6 ^6 3+ A 1y ~ j ÉO ~ 'Aî AÑ9L ('5 1 N'- O 4ô , @
" B' G÷+X-(~, 5 N¥ O §E & ... @)à ; -(£ + ÑÖ
(ä+ N¥M , N¥M 3 p
(ä+ N¥M , M 1N¥M AîAÑ
(ä+ N¥M , Ô ' ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß †G}5 > webN'- à* ~ 10 6 -
§ ?- "r Ö

1) K *1 N" • & i ÇK * 63+O ' -N" ' > =; • & i " n p 91 N" • & " » † Ö

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2) 63P = f '1 N" • & i] x

3) ! . G}5 L@ O § x

4) ! . G}5 Web# ?f x

5) , webN'- 3P x

6) E webN'- pMO, css • & x

7) E webN'- pMQ js • & x

Ö-r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O

css ^js • & i " fIF T Z • & i ;, • &\$5 ?æ " Ö#1 § 1-1 Z .}5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O news.html ...newscss • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ... ·B N¥

M ,5 N¥ 3 p ~



§ t ; Ö

1 - fi ' class="main" , div " X! div] K * 9 Z div ~

2 - x div "Aî5 class="main_left" "+X ¾n5 x,8Z ? x

3 - # x : div "Aî5 class="main_top" "+X ¾M 5 ,8Z ~

4 - # x ; div "Aî5 class="main_con" "+X ¾n5 # x àL+ G> ~

5 - j 4 div Aî5 css "?-r t ; Ö

Aî5 .main , g ? x

Aî5 .main_left , g ? x

Aî5 .main_top , g ? x

Aî5 .main_con , g ? ~

```

1 ^ O newshtml • & " X x F O D V V P D L, Q d v O ] # + W , 8 Z N ' " § t ; Ö
1 ^ $+ —div 71fi "Aî5 class="title" " X div 71fi ]$+ — • j ( ä+ x
2 ^ $+ —div 71fi "Aî5 class="menu" " id="btn" " X div 71fi ]$+ — Za 71fi "
K. ÖjO" " ò x ì . X 4 a 71fi ]$+ — • Ö1 J ä+ ^ > | J ä+ ^ ' £ # ^ 1 J 9
@, ~

```

```

2 ^ O news.css • & " ò x ì . j , 8 Z ? $+ — css g ? " § t ; Ö
Aî5 .title , g ? x
Aî5 .menu, g ? x
Aî5 .menu a, g ? x
Aî5 .menu a: hover , g ? x

```

```

3 ^ O newshtml • & " X # x , ]$+ — M 5 , 8 Z " § t ; Ö
1 ^ $+ —img 71fi " ò x ì . $+ — . ( w x
2 ^ $+ —a 71fi " K. Ö # index.html N ¥ M " X a 71fi ]$+ — • j O ` N ¥ x
3 ^ $+ — • j x
4 ^ $+ —a 71fi " K. Ö # news.html N ¥ M " X a 71fi ]$+ — • j ( ä+ x
5 ^ $+ — • j x
6 ^ $+ —a 71fi " K. ÖjO" "Aî5 id="title_c" " X a 71fi ]$+ — • j 1 J ä+ x

```

```

4 ^ O news.css • & " ò x ì . j M 5 , 8 Z j $+ — css g ? " § t ; Ö
Aî5 .main_top a , g ? x
Aî5 .main_top a: hover , g ? x

```

```

5 ^ O newshtml • & " X # x , ]$+ — ä+ G > " § t ; Ö
1 ^ $+ —div 71fi "Aî5 class="content" x
2 ^ X div 71fi ]$+ —ul 71fi "Aî5 id="thenews" " X ul 71fi ]$+ — Zli 71fi x
3 ^ X 4 li 71fi ]$+ — ; µ Ø Ö
$+ —a 71fi " K. ÖjO" " f X a 71fi ] ò x ì . " ! Q $+ — ä+ 7 N " • x
ò x ì . " ! Q $+ — ä+ O • x

```

```

6 ^ O news.css • & " ò x ì . j ä+ G > $+ — css g ? " § t ; Ö
Aî5 . content , g ? x
Aî5 .content li , g ? x

```

Aî5 .content li a , g ?

Aî5 .content li a: hover , g ? x

Ô-"r Ö

X news.html • &] 6 :B N" html .1 Z . " Ô#1 § 3-1 Z . }5 ~

X news.css • &] 6 :B N" css .1 Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 ~



§ ?-"r Ö

O newsjs • & " É }(' x pMO .1 ~

/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x

!ÿL~ 20 8 Ø7 O P .(w x

UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn x

UP 7&Ø + 3R E j " 6 n/j > { #) ~ ,E Ý .(w "UP 70+ O >5 5 Ýn x

Ô-"r Ö

B' Z : , fl z «& (w x Ì . " Ô#1 § 4-1 Z . }5 ~

B' Z : x Ì , js .1 , .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ ~ ^B3+X FG JSON • & " ,)à Ô ^ ?5 N¥ ~ 25 6 ~

1 F +X-(£ , • \ § - ; JSON • & parknews.json " JSON • & , µØ œ l ?

t ; . p/j Ö

```

{"ID": "1", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "公司获省住建厅颁发的市政行业（桥梁工程）专业乙级资质", "TIME": "2020/7/6"},
{"ID": "2", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "我公司开展消防安全知识讲座", "TIME": "2020/6/27"},
{"ID": "3", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "浅谈保护环境角度下风景园林设计的原则", "TIME": "2020/6/18"},
{"ID": "4", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "仿古商业街景观设计需要考虑的宏观因素", "TIME": "2020/6/9"},
{"ID": "5", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "儿童主题公园设计有哪些常用手法", "TIME": "2020/5/30"},
{"ID": "6", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "旅游景点导视设计的功能定位", "TIME": "2020/5/21"},
{"ID": "7", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "红色旅游景区设计应遵循的几点原则", "TIME": "2020/5/12"},
{"ID": "8", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "风景旅游区景观设计要充分表达当地特有的地域文化", "TIME": "2020/5/8"},
{"ID": "9", "TYPE": "新闻中心", "NAME": "企业新闻", "TITLE": "湿地公园景观的设计方法", "TIME": "2020/3/6"},
{"ID": "10", "TYPE": "新闻中心", "NAME": "行业新闻", "TITLE": "海岛旅游景区规划设计原则", "TIME": "2020/7/16"},
{"ID": "11", "TYPE": "新闻中心", "NAME": "行业新闻", "TITLE": "园林景观生态设计准则", "TIME": "2020/6/28"},

```

```

§ ?-r Ö B' -; JSON• & " fi * > ' £# -( £, ~
Ö-"r Ö ) fi ', F >| Z . " Ö#1 § 5-1 Z . }5 ~

```

```

2 `F +X JS F JQuery ° _ "B3+X FG JSON parknews.json • & " .)à Ö´ ?5
N¥5F É~ » †&Ø + EØ ? s3P >| J ä+ " #EØ ?- µØ i &Ø +, • \ " n/j * >|
J ä+ -( £, ä+ G> ~ § x ì . † ; . p/j "# ?4Øc 74Ø j j F, j

```



§ ?-r Ö

```

à * • & parknews.js " f 6 • & E ' news.html • & ] ~
j x ; ,8ZN' ul 71fi ]|i s3P$+ —UP 7 + » & ~
UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # x x æ G> ?- ; 7N" n/j&Ø + 71fi,
• \ µØ "B3+X FG JSON • & " ä+ G> ?- N¥ ] n/j TITLE s3P ) ~; à
L+ 7N" " ä+ 3 &L$ TIME s3P, IM # n/j ~ § &Ø + » &, -( £#k Ø. † ;
. p/j Ö

```


- 3) ! . G}5 L@ O § x
- 4) ! . G}5 Web# ?f x
- 5) , webN'- 3P x
- 6) E webN'- pMO,; css • & x
- 7) E webN'- pMO,; js • & x

Ö-"r Ö

B' X web O §;N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
 css ^ js • & i " fIF T Z • & i ;, • & \$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O newshtml ...news.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ... ·B N¥
 M ,5 N¥ 3 p ~



§ t ; Ö

```
1 ^ fi ' class=" main" ; div " X! div ] K * 9 Z div ~
2 ^ x div "Aî5 class="main_left" "+X %4n5 x ,8Z ? x
3 ^ # x : div "Aî5 class="main_top" "+X %M 5 ,8Z ~
4 ^ # x ; div "Aî5 class="main_con" "+X %4n5 # x àL+ G> ~
5 ^ j 4 div Aî5 css "?-r t ; Ö
```

```
Aî5 .main , g ? x
Aî5 .main_left , g ? x
Aî5 .main_top , g ? x
Aî5 .main_con , g ? ~
```

Ö-r Ö

```
X news.html • & ] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~
X news.css • & ] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~
```

+ Ñ9 ^M 15 N¥AîAÑ~35 6 ^

```
O newshtml ...news.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö 1yHTML
71fi" ... @5 N¥ ] µØ s3P,5F É" f D! . fl+X CSSF9 ^ } ^ g ? ^ \ g
? ^Nì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7- )à... . 5 N¥ g ? "N¥M AîAÑx Ì . t ; Ö
```



§ ?-r Ö

```
1 ^ O newshtml • & " X x F O D V V P D L, Q B V O ] $ + W , 8Z N' " § t ; Ö
1 ^ $+ —h3 71fi " X h3 71fi ] $+ — • j àL+ ] ó x
```

2 ^ \$+ —span 71fi " • j0" x
 3 ^ \$+ —p 71fi " X p 71fi]\$+ — • j NEWS CENTER
 4 ^ \$+ —ul 71fi "id="btn" " X ul 71fi]\$+ — Zli 71fi " X 4 li 71fi] w\$+ -a
 71fi "K. Öj0" " ò x ì . X 4 a 71fi]\$+ — • ÖO àCtAß^ 1 J àL+ ^>| J àL+ ~
 &Ø6 Lö ~

2 ^ O news.css • & " ò ' x ì . j ,8Z ?\$+ — css g ? " § t ; Ö

- Aî5 .main_left h3 , g ? x
- Aî5 .main_left span , g ? x
- Aî5 .main_left p , g ? x
- Aî5 .main_left ul , g ? x
- Aî5 .main_left ul li , g ? x
- Aî5 .main_left ul li a , g ? x
- Aî5 .main_left li:first -child , g ? x
- Aî5 .main_left li:hover , g ? x
- Aî5 .main_left li:hover a , g ? x

3 ^ O newshtml • & " X # x ,]\$+ —M 5 ,8Z " § t ; Ö

- 1 ^ \$+ —h2 71fi " X h2 71fi µ\$+ — • j àL+] ó x
- 2 ^ \$+ —p 71fi " X p 71fi µ%o\$+ — ; µØ Ö
- \$+ — • j }N¥M x
- \$+ —span 71fi " X span 71fi µ\$+ — • j x
- \$+ —a 71fi "K. Ö# newshtml N¥M " Xa 71fi µ\$+ — • j àL+] ó x
- \$+ —span 71fi " • j x
- \$+ —a 71fi "K. Öj0" " id="title_c" " X a 71fi µ\$+ — • j O àCtAß x

4 ^ O news.css • & " ò x ì . jM 5 ,8Z j\$+ — css g ? " § t ; Ö

- Aî5 .main_top h2 , g ? x
- Aî5 .main_top p , g ? x
- Aî5 .main_top p a , g ? x
- Aî5 .main_top p span , g ? x
- Aî5 .main_top p a:hover , g ? x

5 ^ O news.html • & " X # x ,]\$+ — ä+ G> " § t ; Ö

1 ^ \$+ —ul 71fi "id="thenews" x

2 ^ X ul 71fi]\$+ — Zli 71fi x

3 ^ X 4 li 71fi]\$+ — ; µØ Ö

\$+ —a 71fi "K. ÖjO" " f X a 71fi] ò x ì . "IQ\$+ — ä+ 7N" • x

ò x ì . "IQ\$+ — ä+ O • x

6 ^ O news.css • & " ò x ì . j ä+ G> \$+ — css g ? " § t ; Ö

Aî5 .main_con ul , g ? x

Aî5 .main_con li , g ? x

Aî5 .main_con li a , g ? x

Aî5 .main_con li a: hover , g ? x

Ö-"r Ö

X news.html • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X news.css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , · Ø1 x ì ~ 15 6 ^



§ ?-"r Ö

O news.js • & " É }(' x pMO .1 ~

/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x

!ÿL ~ 20 8 Ø7 O P .(w x

UP 7 Ü X.(w : & " ! 7 "UP 70+ 0 >5 5 Ýn x

UP 7&Ø + 3R E j " 6 n/j > { #) ~,E Ý.(w "UP 70+ 0 >5 5 Ýn x

Ô-"r Ö

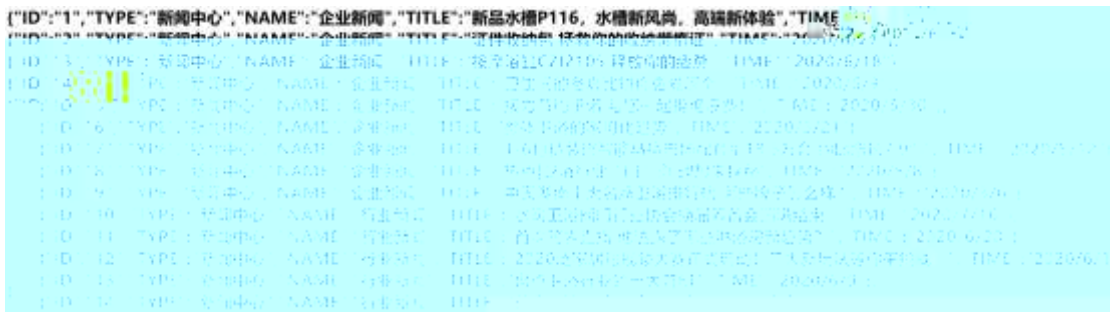
B' Z :; fl z «& (w x ì . " Ô#1 § 4-1 Z . }5 ~

B' Z : x ì; js .1; .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON • & " .)à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(£; • \ § -; JSON • & bathnews.json " JSON• & µØ œ l ?

t ; . p/j Ö



§ ?-"r Ö B' -; JSON• & " fi * > ' &Ø6 'V -(£; ~

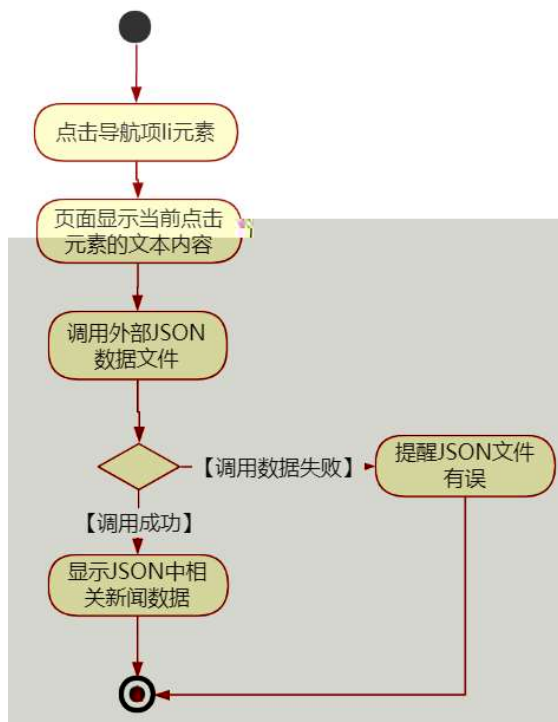
Ô-"r Ö) fi ; F >| Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON bathnews.json • & " .)à Ô´ ?5
N¥5F É~ » t&Ø + EØ ? s3P >| J à+ " #EØ ?- µØ i &Ø +; • \ " n/j * >|
J à+ -(£; à+ G> ~ § x ì . t ; . p/j "# ?; 8¢ 7; ; j j F; j
~



§ 5-2 交互设计

1. 用户点击导航项元素
 2. 页面显示当前点击元素的文本内容
 3. 调用外部JSON数据文件
 4. 判断调用数据是否成功
 5. 如果调用数据失败，提醒JSON文件有误
 6. 如果调用数据成功，显示JSON中相关新闻数据



§ 5-3 交互设计

1. 用户点击新闻标题元素
 2. 页面显示当前点击新闻标题元素的文本内容
 3. 调用外部JSON数据文件
 4. 判断调用数据是否成功
 5. 如果调用数据失败，提醒JSON文件有误
 6. 如果调用数据成功，显示JSON中相关新闻数据

+ Ñ | J3P « ~ 10 6 -

oÑ oÒ*4{6 ^X•5ê8ß& e . 1

oÑ oÒNÁ6ö4^•X•5ê8ß& e . 2

oÑ oÒZ, ÄM,, xX•5ê8ß& e. ?

oÑloÒ 1!_2^®

LZ/ #/ f æ 9L (_ O æ§ 9# (Ect l,] 8 1 J ~ ‡ C# ¼ ODMxæ,F
"p»)à Q #/Aî 7, O >KO ^ ~ _ - µO~ æO xQ #/Aî 7KO ^ 1 J ~ (8
KOB " 1 " Òg j] ó" CXGÿ'r+O " K æB; ",.4ÿ:U*6 % " "M O F !
...8 k K à" FP #/N¶ 2î æ ~ O M ,CXGÿ '8+5¾FP » "8*6, ' } " !, = Ñ"
FP - µ #/2î æ " (E W F #/xæ, x K; " #/Ô N¶ N¶ , æ(| ~
)à (^ ° *Aî O Z 1 J5 1 AOB 1 J B " —j xæ, ÓP " W (, = Ö"
FP8 !, æ(| ~ (5 1 N'- > = j LZ/ 5 '5 1 _ (FL g 'FJE÷ (5 1
, *Aî " , > ' A F+| ÓPLZ/ #/ f æ " \$ > ' /j (, xæ ~ (5 1 6 (,
xæ)à5 G 'AÙ\$ J, (E . F (, xæ " \$ J, GF9 (, xæ " \$ J, Òg
Û ' (, xæ ~

4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4ðkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ ~ Z Q "6 [_O~ N¥^ (B4ý ^ ðL+] ó ^ xæ] ó ^ 6 3+ A 1y ~
j ÉLZ/ '5 1 N'- O 4ô , @ 'B G÷+X-(~,5 N¥ O §E & ... @)à ; -(
£ + ÑÖ

- xæ] ó N¥M ,N¥M 3 p
- xæ] ó N¥M ,M 1N¥M AîAÑ
- xæ] ó N¥M , Ô ' ?)à

oÑloÒ 1!_ X?;

+ ÑO Ö)ß ‡G}5 > webN'- à* ~ 10 6 -
§ ?-"r Ö

1) K *1 N" • & i ÖK * 63+0 ' -N" ' > =, • & i " n p 91 N" • & " » † Ö

3401033-1*

2) 63P = f '1 N" • & i] x

3) ! . G}5 Lö@ 0 § x

4) ! . G}5 Web# ?† x

5) , webN'- 3P x

6) E webN'- pMO, css • & x

7) E webN'- pMO, js • & x

Ö-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O

css ^js • & i " fIF T Z • & i ;, • & \$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... ÖÑM 3 p 10 6 ~

O product .html ...product.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^j ...

·B N¥M ,5 N¥ 3 p ~



§ t ; Ö

1 - fi ' class=" main" ; div " X! div] K * 9 Z div ~

2 - x div "Aî5 class="main_left" "+X %4n5 x,8Z ? x

3 - # x : div "Aî5 class="main_top" "+X %M 5 ,8Z ~

4 - # x ; div "Aî5 class="main_pro" "+X %4n5 # x x æ G> ~

5 - j 4 div Aî5 css "?-r t ; Ö

Aî5 .main ; g ? x

Aî5 .main_left ; g ? x

Aî5 .main_top ; g ? x

Aî5 .main_pro ; g ? ~

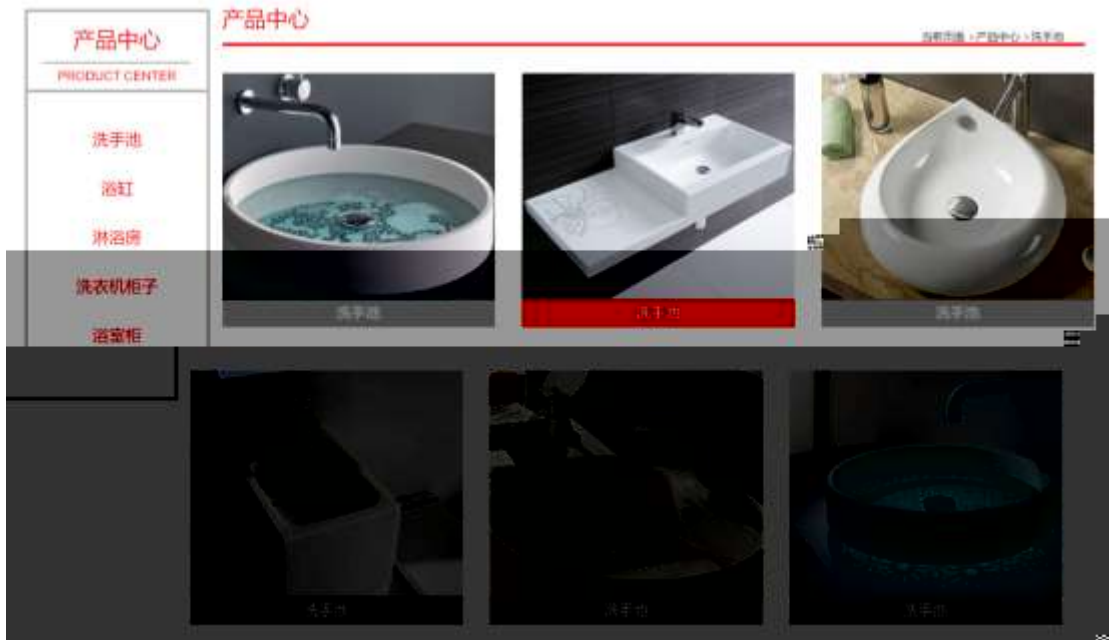
Q-r Ö

X product.html • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X product. css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AÎAÑ~35 6 ~

O product.html ...product.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö
1yHTML71fi" ... @5 N¥] μØ s3P,5F É" f D! . fl+XCSSF9 ^ } ^ g ? ^
• \ g ? Ñì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7- .)à ... • 5 N¥ g ? Ñ¥M AîAÑx ì . t
; Ö



§ ?-r Ö

1 ^ O product.html • & "X x F O D V V P D L, Q d v O] \$ + W , 8Z N' " \$ t ; Ö

1 ~\$+ —h3 71fi " X h3 71fi]\$+ — • j xæ] ó x

2 ~\$+ —span 71fi } • j0" x

3 ~\$+ —p 71fi " X p 71fi]\$+ — • j PRODUCT CENTER

4 ~\$+ —ul 71fi "id="btn" " X ul 71fi]\$+ — ~ Zi 71fi " X 4 li 71fi] w\$+ —a
71fi K. Öj0" " ð x ì . X 4 a 71fi]\$+ — • ÖG {" #/5h #B#/ o #G> j ^
#/ Ö ~

```

2 ^ O product.css • & " ò x ì . j ,8Z ?$+ — css g ? " § t ; Ö
    Aî5 .main_left h3 ,: g ? x
    Aî5 .main_left span ,: g ? x
    Aî5 .main_left p ,: g ? x
    Aî5 .main_left ul ,: g ? x
    Aî5 .main_left ul li ,: g ? x
    Aî5 .main_left ul li a ,: g ? x
    Aî5 .main_left li:first -child ,: g ? x
    Aî5 .main_left li:hover ,: g ? x
    Aî5 .main_left li:hover a ,: g ? x

```

```

3 ^ O product.html • & " X # x ,: ]$+ —M 5 ,8Z "§ t ; Ö
1 ^$+ —h2 71fi " X h2 71fi ]$+ — • j xæ ] ó x
2 ^$+ —p 71fi " X p 71fi µ%o$+ — ; µØ Ö
    $+ — • j }N¥M x
    $+ —span 71fi " X span 71fi µ$+ — • j x
    $+ —a 71fi "K. Ö# product.html N¥M "Xa 71fi µ$+ — • j xæ ] ó x
    $+ —span 71fi " • j x
    $+ —a 71fi "K. ÖjO" " id="title_c" " X a 71fi µ$+ — • j #G {" x

```

```

4 ^ O product.css • & " X # x ,: ]$+ —M 5 ,8Z "§ t ; Ö

```

\$+ —span 71fi " X span 71fi μ\$+ —a 71fi "K. Ōj0" " X a 71fi] ò x ì . "

6 ^ O product.css • & " ò x ì . j x æ G> \$+ — css g ? " § † ; Ö

Aî5 .main_pro ul , g ? x

Aî5 .main_pro ul li , g ? x

Aî5 .main_pro ul li:first -child , g ? x

Aî5 .main_pro ul li:nth -child(4) , g ? x

Aî5 .main_pro ul li span , g ? x

Aî5 .main_pro ul li span a , g ? x

Aî5 .main_pro ul li: hover span , g ? x

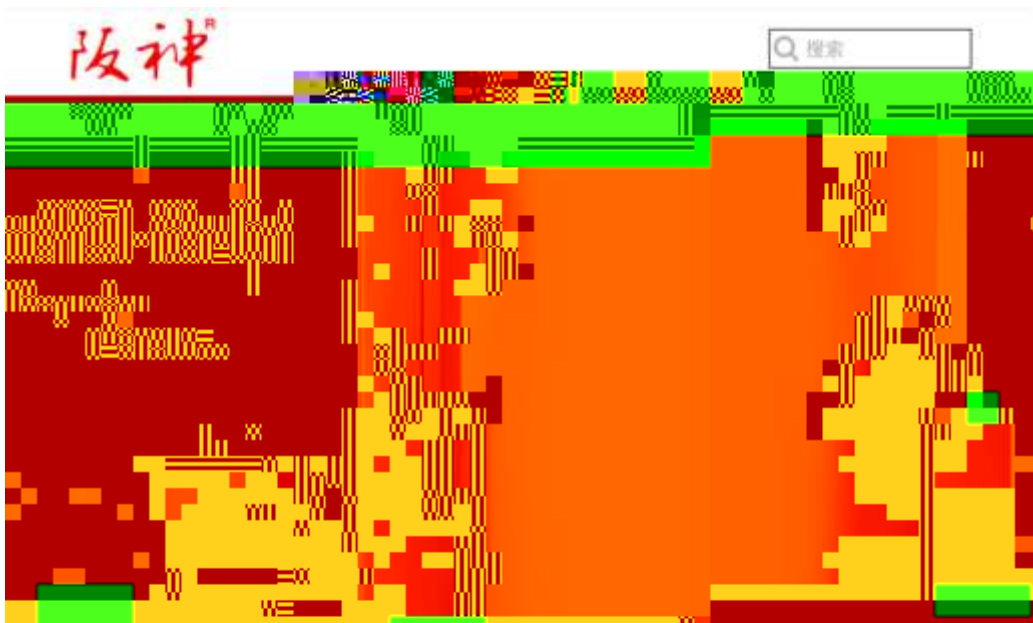
Aî5 #thepic img , g ? x

Ō-"r Ö

X product.html • &] 6 :B N" html .1 Z . " Ō 8#1 §3-1 Z . }5 ~

X product. css • &] 6 :B N" css .1 Z . " Ō#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x ì ~ 15 6 ~



§ ?-"r Ö

O product.js • & " É }(' x pMO .1 ~

/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x
lÿL~ 208 Ø7 0 P .(w x
UP 7 Ü X .(w : & " ! 7 "UP 70+ 0 >5 5 Ýn x
UP 7&Ø + 3R E j " 6 n/j > { #) ~,E Ý.(w "UP 70+ 0 >5 5 Ýn x

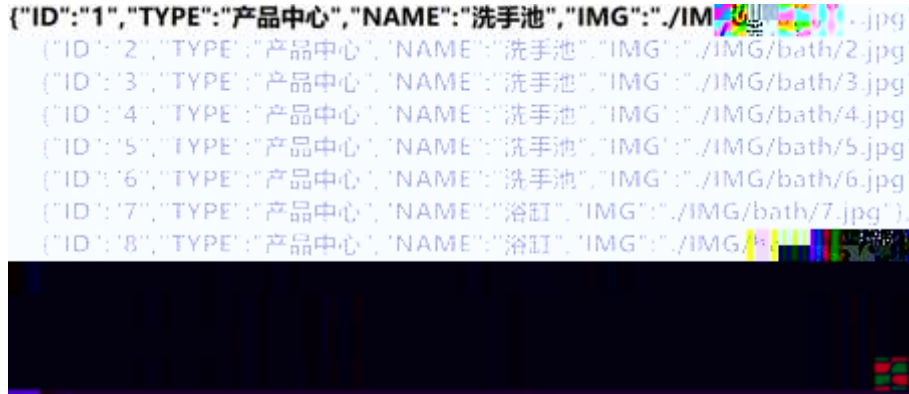
Ô-"r Ö

B' Z :; fl z «& (w x ì . " Ô#1 § 4-1 Z . }5 ~
B' Z : x ì; js .1; .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(£, • \ § -; JSON • & bath.json "JSON• & µØ œ l ? t ;

. p/j Ö



§ ?-"r Ö

B' -; JSON• & " fi * > #B#/ o -(£; ~

Ô-"r Ö

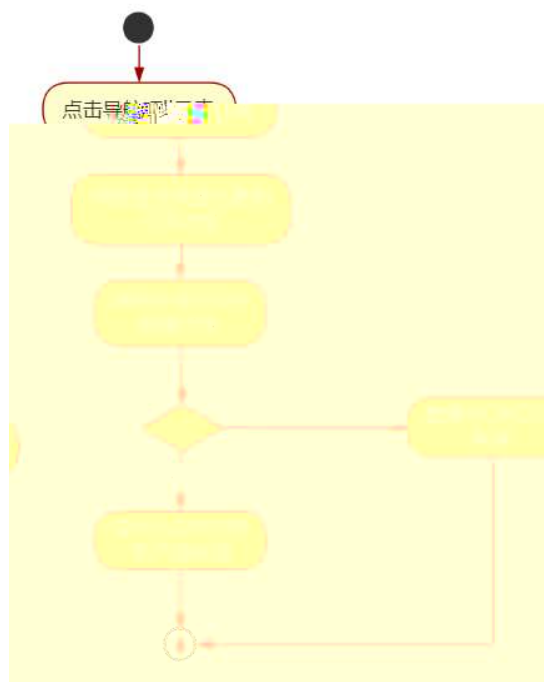
Ô-"r Ö) fi ; F > | Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON bath.json • & ")à Ô´ ?5 N¥5F
É~ » t&Ø + EØ ? s3P #/5h " #EØ ?- µØ i &Ø +, µØ " n/j * #/5h ;-(
£ xæ ~ § x ì . t ; . p/j "# ?; 8¢ 7# ; j j F; j ~



§ ?-r Ö

à* • & bath.js " f 6 • & E ' product.html • &] ~
 j x: ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?- "r i &Ø + 71fi, µØ " # xxæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ 'B3+X FG JSON • & "xæ G> ?- N¥] n/j IMGs3P) ~, .(w "
 .(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ô-“r Ö

B' Z &Ø + #B#/ o 71fi > “ # x x æ G> n/j JSON• &],: #B#/ o -(
£ x æ, x ì . “ Ô#1 § 5-2 Z .)5 ~

B' Z &Ø + #/ Ô 71fi > “ # x x æ G> n/j JSON• &],: #/ Ô -(
£ x æ, x ì . “ Ô#1 § 5-3 Z .)5 ~

B' Z product.html • &] E bath.js • &,-(£ .1, .(w “ Ô#1 § 5-
4 Z .)5 ~

B' Z bath.js • &]B3+XJSON• & .1, .(w “ Ô#1 § 5-5 Z .)5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑ|oÒ*4{6 `X•5ê8ß& e . 1

oÑ|oÒNÁ6ö4^•X•5ê8ß& e . 2

oÑ|oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

9ÿ#- °#1 k+X f æ 9L (_ C J p»)°*±4Ô\$ k+' àD ÷O x...KO ^, j L-1Q
à° _ 1 J ~ (@ OB ¾2015 / 8 8 " x >FJE÷¶ ISO90001...ISO13485CXGÿ 3+ -LuAÔ
Aæ ...!W-CE5¾- FDAxæAÔæ ~ °#1 k+X f æ (B4† 6 Òg, + ...% ? j (1Ñ6
, O~?-- 7- } " *OB ¶!¶!- -,KO ^ ... Òg = Ñ5 5 ~

)à (° ° *Aî O Z 1 J5 1 AOB 1 J B " — j xæ, ÓP " W (, = Ö"
FP8 !, æ(| ~ (5 1 N'- > = j 9ÿ#- °#1 k+X f æ 9L (5 '5 1 _ (
FL g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓP9ÿ#- °#1 k+X f æ 9L (" \$ > '
/j (, xæ ~ (5 1 6 (, xæ ")å G 'AÚ\$ J, CE . F (, xæ " \$ J
, GF9 (, xæ " \$ J, Òg Û ' (, xæ ~

4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4âkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ ~ Z Q "6 [_O~N¥ ^ (1° B ^àL+] ó^xæ] óö 3+ A 1y ~

j Éÿ#- °#1 k+X f æ 9L ('5 1 N'- O 4ô , @ 'B G÷+X-(,5 N¥ O §
E & ... @.)à ; -(E + ÑÖ

- xæ] ó N¥M ,N¥M 3 p
- xæ] ó N¥M ,M 1N¥M AîAÑ
- xæ] ó N¥M , Ô´ ? .)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß ‡G}5 > webN'- à* ~10 6 -
§ ?-"r Ö

- 1) K *1 N" • & i ÖK * 63+O ' -N" ' > =, • & i " n p 91 N" • & " » † Ö
3401033-12
- 2) 63P = f '1 N" • & i] x
- 3) ! . G}5 Lö@ O § x

4) ! . G}5 Web# ?! x

5) , webN'- 3P x

6) E webN'- pMO, css • & x

7) E webN'- pMO, js • & x

Ö-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
css ^js • & i " fIF T Z • & i ;, • &\$5 ?æ " Ö#1 § 1-1 Z .}5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O product. html ...product.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ...
·B N¥M ,5 N¥ 3 p ~



§ t ; Ö

1 ~ fi ' class=" main" ,; div " X! div] K * 9 Z div ~

```

2 - x div "Aî5 class="main_left" "+X ¾n5 x,8Z ? x
3 - # x : div "Aî5 class="main_top" "+X ¾M 5 ,8Z ~
4 - # x ; div "Aî5 class="main_con" "+X ¾n5 # x x æ /j G> ~
5 - j 4 div Aî5 css "?-r † ; Ö
    Aî5 .main , g ? x
    Aî5 .main_left , g ? x
    Aî5 .main_top , g ? x
    Aî5 .main_con , g ? ~

```

Ö-r Ö

```

X product.html • & ] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~
X product.css • & ] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

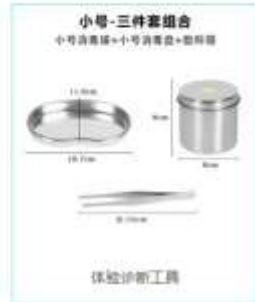
```

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

```

O product.html ...product.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö
1y HTML71fi" ... @5 N¥ ] µØ s3P,-5F É" f D! . fl+XCSS9 ^ } ^ g ? ^
• \ g ? ^Nì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7- )à... • 5 N¥ g ? ^N¥M AîAÑx Ì . †
; Ö

```



§ ?-r Ö

1 ^ O product.html • & "X x F O D V V P D L, Q D V O]\$+ W ,8Z N' " \$ t ; Ö
 1 ^ \$+ —div 71fi "Aî5 class=" icon" " X div 71fi]\$+ — ; µ Ø Ö
 \$+ —span 71fi " X span 71fi]\$+ — • j x æ] ó x
 \$+ —p 71fi " X p 71fi]\$+ — • j PRODUCT CENTER
 2 ^ \$+ —ul 71fi "Aî5 id="btn" " X ul 71fi]\$+ — ~ Zli 71fi " X 4 li 71fi]\$+ —
 a 71fi K. ÖjO" " ð x ì . X 4 a 71fi] "IQ\$+ — • ÖP...Aœ Ý \$ ^ y FP... ^
 k+X ÖP...Aî 7 ^ k+X>p »AÑ^ k+X Ö5E 5 ~

2 ^ O product.css • & " ð x ì . j ,8Z ?\$+ — css g ? " \$ t ; Ö
 Aî5 .main_left .icon , g ? x
 Aî5 .main_left .icon P , g ? x
 Aî5 .main_left ul li , g ? x
 Aî5 .main_left ul li a , g ? x
 Aî5 .main_left ul li a: hover , g ? x

3 ^ O product.html • & "X # x ,]\$+ —M 5 ,8Z " \$ t ; Ö
 1 ^ \$+ —h3 71fi " X h3 71fi]\$+ —a 71fi "K. Ö# index.html N¥M " Xa 71fi]

```

$+ — • j 5 1 O`N¥ x
2 ` $+ —img 71fi `` $+ — .(vabout_pic_2.gif `` fAî5 class="pic1" x
3 ` $+ —h3 71fi `` X h3 71fi ]$+ —a 71fi ``K. Ô# product.html N¥M `` Xa 71fi
]$+ — • j xæ ] ó x
4 ` $+ —img 71fi `` $+ — .(vabout_pic_2.gif `` fAî5 class="pic1" x
5 ` $+ —h3 71fi `` X h3 71fi ]$+ —a 71fi ``K. Ôj0" ``Aî5 id="title_c" `` X a 71fi
]$+ — • j P...Ace Ý § x
6 ` $+ —img 71fi `` $+ — .(vabout_pic_3.gif x
4 ^ O product.css • & `` ð x ì . jM 5 ,8Z j$+ — css g ? `` § t ; Ö
Aî5 .main_top .pic1 , g ? x
Aî5 .main_top h3 , g ? x
Aî5 .main_top h3 a , g ? x
Aî5 .main_top img , g ? x
5 ^ O product.html • & `` X # x ; ]$+ — xæ /j G> `` § t
; Ö
1 ` $+ —ul 71fi ``Aî5 id="thepic" `` X ul 71fi ]$+ — Zli 71fi x
2 ` X 4 li 71fi ]$+ — ; µØ Ö
$+ —img 71fi `` ð x ì . !Q$+ — .(w x
$+ —p 71fi `` X p 71fi ]$+ —a 71fi ``K. Ôj0" `` f X a 71fi ] ð x ì . !Q$+
— • x
6 ^ O product.css • & `` ð x ì . j xæ /j G> $+ — css g ? `` § t ; Ö
Aî5 .main_con ul li , g ? x
Aî5 .main_con ul li p a , g ? x
Aî5 .main_con ul li: hover p a , g ? x
Aî5 #thepic img , g ? x
Ô-r Ö
X product.html • & ] 6 :B N" html .1 Z . " Ô#1 § 3-1 Z . }5 ~
X product. css • & ] 6 :B N" css .1 Z . " Ô#1 § 3-2 Z . }5 ~

```

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 -



§ ?-r Ö

O product.js • & " É }(' x pMO .1 ~
/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x
lÿL~ 20 8 Ø7 O P .(w x
UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn x
UP 7&Ø + 3R E j " 6 n/j > { #) ~,E Ý.(w "UP 70+ O >5 5 Ýn x

Ô-r Ö

B' Z : , fl z «& (w x Ì . " Ô#1 § 4-1 Z . }5 ~
B' Z : x Ì , js .1 , .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 -

1 F +X-(£ , • \ § - ; JSON • & medicine.json " JSON• & , µØ œ l ?

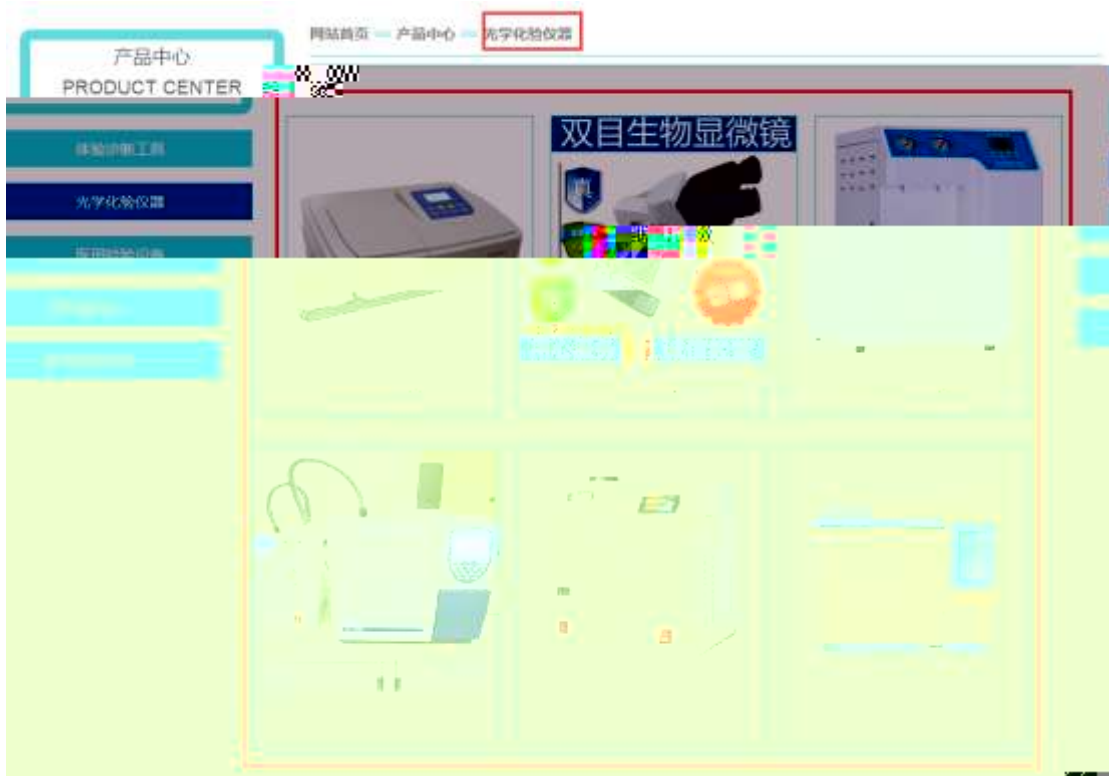
t ; . p/j Ö

```
{ "ID": "1", "TYPE": "产品中心", "NAME": "体验诊断工具", "IMG": "/IMG/medicine/1.jpg" },  
{ "ID": "2", "TYPE": "产品中心", "NAME": "体验诊断工具", "IMG": "/IMG/medicine/2.jpg" },  
{ "ID": "3", "TYPE": "产品中心", "NAME": "体验诊断工具", "IMG": "/IMG/medicine/3.jpg" },  
{ "ID": "4", "TYPE": "产品中心", "NAME": "体验诊断工具", "IMG": "/IMG/medicine/4.jpg" },  
{ "ID": "5", "TYPE": "产品中心", "NAME": "体验诊断工具", "IMG": "/IMG/medicine/5.jpg" },  
{ "ID": "6", "TYPE": "产品中心", "NAME": "体验诊断工具", "IMG": "/IMG/medicine/6.jpg" },  
{ "ID": "7", "TYPE": "产品中心", "NAME": "光学化验仪器", "IMG": "/IMG/medicine/7.jpg" },  
{ "ID": "8", "TYPE": "产品中心", "NAME": "光学化验仪器", "IMG": "/IMG/medicine/8.jpg" }
```

§ ?-r Ö B' - ; JSON• & " fi * > k+X>p »AÑ -(£ , ~

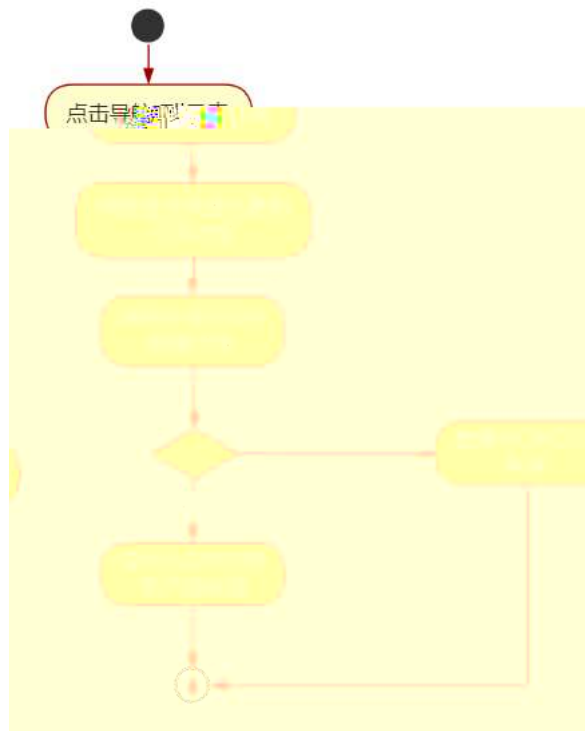
Ô-r Ö) fi ' , F > | Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON medicine.json • & ")à Ô´ ?5
 N¥5F É~ » †&Ø + EØ ? s3P k+X ØP...Aî 7 " #EØ ?- µØ i &Ø +, µØ " n/j *
 k+X ØP...Aî 7 ,-(£ xæ ~ § x ì . † ; . p/j " # ?4Ø¢ 74Ø j j
 F, j ~



§ ?-"r Ö

à* • & medicine.js " f 6 • & E ' product.html • &] ~
 j x, ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # x xæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ B3+X FG JSON • & " xæ G> ?- N¥] n/j IMGs3P) ~, .(w "
 .(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &, -(£ #k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z &Ø + k+X>p »AÑ 71fi > " # x x æ G> n/j JSON• &],. k+X>p »
 AÑ -(£ x æ, x ì . , Ô#1 § 5-2 Z .)5 ~

B' Z &Ø + k+X Ô5E 5 71fi > " # x x æ G> n/j JSON• &],. k+X Ô5
 E 5 -(£ x æ, x ì . , Ô#1 § 5-3 Z .)5 ~

B' Z product.html • & .1] " E medicine.js • &,-(£ .1 .(w , Ô#
 1 § 5-4 Z .)5 ~

B' Z medicine.js • &] B3+X JSON• &,-.1 .(w , Ô#1 § 5-5 Z .)5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑoÒ*¼{6 `X•5ê 8ß& e . 1

oÑoÒNÁ6ö4^•X•5ê8ß& e . 2

oÑoÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

9ÿ#- °#1 k+X f æ 9L (_ C J p»)°*‡4Ô\$ k+ àD ÷O x...KO ^, j L-1Q
à° _ 1 J ~ (@ OB ¾2015 / 8 8 " x >FJE÷¶ ISO90001...ISO13485CXGÿ 3+ -LuAÔ
Aæ ...!W-CE5¾- FDAxæAÔæ ~ °#1 k+X f æ (B4† 6 Òg, + ...% ? j (1Ñ6
,O~?-- 7- } " *OB ¶|?¶|- -,KO ^ ... Òg = Ñ5 5 ~

)à (° ° *Aî O Z 1 J5 1 AOB 1 J B " — j xæ, ÓP " W (, = Ö"
FP8 !, æ(| ~ (5 1 N'- > = j 9ÿ#- °#1 k+X f æ 9L (5 '5 1 _ (
FL g 'FJE÷ (5 1 , *Aî " , > ' A F+| ÓP9ÿ#- °#1 k+X f æ 9L (" \$ > '
/j (, xæ ~ (5 1 6 (, xæ)æ5 G 'AÚ\$ J, Æ . F (, xæ " \$ J
, GF9 (, xæ " \$ J, Òg Û ' (, xæ ~

4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4âkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ ~ Z Q "6 [_O~N¥ ^ (1° B ^ä+] ó^xæ] óö 3+ A 1y ~
j Éÿ#- °#1 k+X f æ 9L ('5 1 N'- O 4ô , @ 'B G÷X-(,5 N¥ O §
E & ... @.)à ; -(E + ÑÖ

- ä+] ó N¥M ,N¥M 3 p
- ä+] ó N¥M ,M 1N¥M AîAÑ
- ä+] ó N¥M , Ô´ ? .)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß‡G}5 > webN'- à* ~10 6 -
§ ?-"r Ö

- 1) K *1 N" • & i ÖK * 63+O ' -N" ' > =, • & i " n p 91 N" • & " » † Ö
3401033-1&
- 2) 63P = f '1 N" • & i] x
- 3) ! . G}5 Lö@ O § x

4) ! . G}5 Web# ?! x

5) , webN'- 3P x

6) E webN'- pMO,· css · & x

7) E webN'- pMO,· js · & x

Ô-"r Ö

B' X web O §,·N'- 1Ñ6 O'] Z K *,· webN'- .(w " Z { }B' O
css ^js · & i " fIF T Z · & i ;,· · &\$5 ?æ " Ô#1 § 1-1 Z . }5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O news.html ...news.css · & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ... ·B N¥
M ,5 N¥ 3 p ~



§ t ; Ö

1 ~ fi ' class=" main" ,· div " X! div] K * 9 Z div ~

2 ~ x div "Aî5 class="main_left " "+X %n5 x ,8Z ? x

3 ~ # x : div "Aî5 class="main_top" "+X %M 5 ,8Z ~

4 # x ; div "Aî5 class="main_con" "+X ¼n5 # x àL+ /j G> ~

5 j 4 div Aî5 css "?-r t ; Ö

Aî5 .main , g ? x

Aî5 .main_left , g ? x

Aî5 .main_top , g ? x

Aî5 .main_con , g ? ~

Ö-"r Ö

X newshtml • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X news css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 ~

O news.html ...news css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^ K. Ö 1yHTML

71fi" ... @5 N¥] µØ s3P,5F É" f D! . fl+X CSSF9 ^ } ^ g ? ^ • \ g

? ^Nì8ç ^6ü ^ j ^5 N¥ 3 p W1y ^7-)à 5 N¥ g ? "N¥M AîAÑx Ì . t ; Ö



§ ?-"r Ö

1 ^ O newshtml • & " X x F O D V V P D L Q d v O]H W ,8ZN' " § t ; Ö

1 ^ \$+ —div 71fi "Aî5 class="i con" " X div 71fi] ; µØ Ö

\$+ —span 71fi " X span 71fi]\$+ — • j àL+] ó x

\$+ —p 71fi " X p 71fi]\$+ — • j NEWS CENTER

2 ^ \$+ —ul 71fi "Aî5 id="btn" " X ul 71fi]\$+ — Zli 71fi " X 4li 71fi]\$+ —
a 71fi "K. Ōj0" " ò x ì . X 4 a 71fi] "IQ\$+ — • Ö (àL+ ^>| J Ø1 ^ 0 à
z ^' &Ø6 'V ~

2 ^ 0 news.css • & " ò x ì . j ,8Z ?\$+ — css g ? " § t ; Ö

Aî5 .main_left .icon ,: g ? x

Aî5 .main_left .icon P ,: g ? x

Aî5 .main_left ul li ,: g ? x

Aî5 .main_left ul li a ,: g ? x

Aî5 .main_left ul li a: hover ,: g ? x

3 ^ 0 newshtml • & " X # x ,:]\$+ —M 5 ,8Z " § t ; Ö

1 ^ \$+ —h3 71fi " X h3 71fi]\$+ —a 71fi "K. Ō# index.html N¥M " Xa 71fi]
\$+ — • j 5 1 O~N¥ x

2 ^ \$+ —img 71fi "\$+ — .(vabout_pic_2.gif " fAî5 class="pic1" x

3 ^ \$+ —h3 71fi " X h3 71fi]\$+ —a 71fi "K. Ō# about.html N¥M " Xa 71fi]
\$+ — • j (B4ý x

4 ^ \$+ —img 71fi "\$+ — .(vabout_pic_2.gif " fAî5 class="pic1" x

5 ^ \$+ —h3 71fi " X h3 71fi]\$+ —a 71fi "K. Ōj0" "Aî5 id="title_c" " X a 71fi
]\$+ — • j (àL+ x

6 ^ \$+ —img 71fi "\$+ — .(vabout_pic_3.gif x

4 ^ 0 news.css • & " ò x ì . jM 5 ,8Z j\$+ — css g ? " § t ; Ö

Aî5 .main_top .pic1 ,: g ? x

Aî5 .main_top h3 ,: g ? x

Aî5 .main_top h3 a ,: g ? x

Aî5 .main_top img ,: g ? x

5 ^ 0 newshtml • & " X # x ,:]\$+ — àL+ /j G> " § t ; Ö

1 ^ \$+ —ul 71fi "Aî5 id="thenews" xX ul 71fi]\$+ — Zli 71fi x

2 ^ X 4 li 71fi]\$+ — ; µ Ø Ö

\$+ —a 71fi "K. Ōj0" " f X a 71fi] ò x ì . "IQ\$+ — àL+ 7N" • x

ò x ì . "IQ\$+ — àL+ O x

6 ^ O news.css • & " ò x ì . j à + /j G> \$+ — css g ? " § t ; Ö
 Aî5 .main_con ul , g ? x
 Aî5 .main_con li , g ? x
 Aî5 .main_con li a , g ? x
 Aî5 .main_con li a: hover , g ? x

Ö-"r Ö

X news.html • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~
 X news.css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x ì ~ 15 6 -



§ ?-"r Ö

O newsjs • & " É }(' x pMO .1 ~
 /j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x
 !ÿL~ 20 8 Ø7 O P .(w x
 UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn x
 UP 7&Ø + 3R E j " 6 n/j > { #) ~,E Ý .(w "UP 70+ O >5 5 Ýn x

Ö-"r Ö

B' Z : , fl z «& (w x ì . " Ö#1 § 4-1 Z . }5 ~
 B' Z : x ì , js .1 , .(w " Ö#1 § 4-2 Z . }5 ~

+ Ñ ^ B3+X FG JSON • & ")à Ö ?5 N¥ ~ 25 6 -

1 F +X-(£ , • \ § - ; JSON • & medicineneews.json " JSON • & , µ Ø œ
 I ? t ; . p/j Ö

```

{"ID":1,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"卫健委再次发文，深入推进“一票制”，"TIME":"2020/7/6"},
{"ID":2,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"防疫常态化 加大基础医疗设施研发与投入，"TIME":"2020/6/27"},
{"ID":3,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"中国医疗器械企业20强公布！，"TIME":"2020/6/18"},
{"ID":4,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"国家宣布：所有城市整治回扣，涉全部医疗机构，"TIME":"2020/6/9"},
{"ID":5,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"财政下拨149.23亿！配置大批医疗设备，"TIME":"2020/5/30"},
{"ID":6,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"13省耗材谈判：中标后继续降价，"TIME":"2020/5/21"},
{"ID":7,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"医疗企业查帐风暴，扩散！，"TIME":"2020/5/12"},
{"ID":8,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"全球新冠病毒变异，传播速度+10倍，"TIME":"2020/5/8"},
{"ID":9,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"全国新冠核酸检测第2次室内质评报告，"TIME":"2020/3/6"},
{"ID":10,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"2020年最具创新性的18个医疗器械，"TIME":"2020/7/16"},
{"ID":11,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"2020年医疗器械行业展会信息（全），"TIME":"2020/6/28"},
{"ID":12,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"价格公布：国产新冠疫苗来了，"TIME":"2020/6/16"},
{"ID":13,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"刚刚！医保局消息，回款政策来了，"TIME":"2020/6/9"},
{"ID":14,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"从监护仪开始逐渐突破进口垄断，"TIME":"2020/5/20"},
{"ID":15,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"中石化，医疗器械，让不可能成为可能！，"TIME":"2020/5/14"},
{"ID":16,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"产能达4648万，30分钟完成检测！，"TIME":"2020/5/12"},
{"ID":17,"TYPE":"新闻中心","NAME":"行业动态","TITLE":"2020年最赚钱医疗器械看这里，"TIME":"2020/5/4"},

```

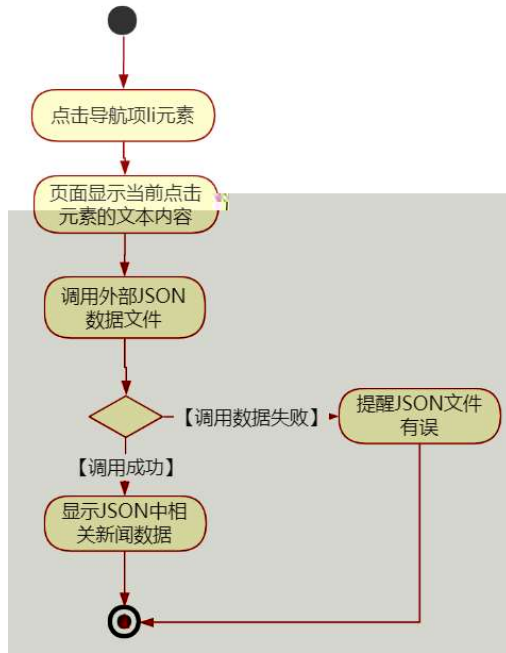
§ ?-r Ö B' -; JSON• & " fi * > ' &Ø6 'V -(£, ~
 Ô-"r Ö) fi ', F >| Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON medicinenews.json • & " .)à Ô^ˆ
 ?5 N¥5F É~ » †&Ø + EØ ? s3P >| J Ø1 " #EØ ?- µØ i &Ø +, • \ " n/j *
 >| J Ø1 -(£, à+ G> ~ § x` . † ; . p/j "# ?4Ø¢ 74Ø j j F
 , j ~



§ ?-r Ö

à * • & medicinenews.js " f 6 • & E ' news.html • &] ~
 j x ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # x x æ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ "B3+X FG JSON • & " à+ G> ?- N¥] n/j TITLE s3P) ~, à
 L+ 7N" " à+ 3 &L\$ TIME s3P, IM # n/j ~ § &Ø + » &, -(£#k Ø. † ;
 . p/j Ö



Ô-"r Ö

B' Z &Ø + ' &Ø6 'V 71fi > '' # x àL+ G> n/j JSON• &],' &Ø6 'V

-(£ àL+, x ì .'' Ô#1 § 5-2 Z .)5 ~

B' Z &Ø + O à z 71fi > '' # x àL+ G> n/j JSON• &], O à z

-(£ àL+, x ì .'' Ô#1 § 5-3 Z .)5 ~

B' Z news.html • & .1] '' E medicineneWS.js • &,-(£ .1 .(w '' Ô

8#1 §5-4 Z .)5 ~

B' Z medicineneWS.js • &] ''B3+X JSON• &,- .1 .(w '' Ô#1 § 5-5 Z

.)5 ~

+ Ñ Ö| J3P « ~ 10 6 ~

oÑoÒ*\4{6 ^X•5ê8ß& e . 1

oÑoÒNÁ6ö4^•X•5ê8ß& e . 2

oÑoÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

#K#b">E +Xæ 9L (/ø fl C JK(a æ(| ^4ö8† a ° @CU,4ÿ:U MD " O#q, xæ O
#q, = Ñfl A , Òg ' ' C J, = Ñ~/ø fl B j \ " = ÑB# : ,4ÿ:U ' " ç"
HCX, xæ " 8*6, ' } ^2î\$, ° _ ^ O#q, = Ñ"B 4ÿ:U " O ¶">E 5¾40>IO ~">
E N# ýC J i>IN¶ , fILD 2 j ' C ' ¶ fl W Òg, _ 1 > +)à" *6 J æ-Lu - µ
=">E +X æ æ(| ~

)à (a ° *Aî O Z 1 J5 1 AOB 1 J B " — j xæ, ÓP " W (, = Ö"
FP8 !, æ(| ~ (5 1 N'- > = j #K#b">E +Xæ 9L (5 '5 1 _ (FL
g FJE÷ (5 1 , *Aî " , > ' A F+| ÓP#K#b">E +Xæ 9L (" \$ > ' /j (,
xæ ~ (5 1 6 (, xæ)æ5 G 'AÙ\$ J, Æ . F (, xæ " \$ J, GF9
(, xæ " \$ J, Òg Û ' (, xæ ~

4ÿE÷} OMO"rB3.D '5 1 N'- 4ô4ðkfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ 3 Z Q " 6 [_O~N¥ ^ († â ^ xæN`F ^ ð+] ó ^ 8 — - ^
Æ ,Ct\$À^6 3+ A 1y ~ j É#K#b">E +Xæ 9L ('5 1 N'- O 4ô , @ 'B G÷+X
-(~,5 N¥ O §E & ... @)à ; -(£ + ÑÖ

- xæN`F N¥M ,N¥M 3 p
- xæN`F N¥M ,M 1N¥M AîAÑ
- xæN`F N¥M , Ô´ ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß ‡G}5 > webN'- à* ~10 6 "

§ ?-"r Ö

1) K *1 N" • & i ÖK * 63+O ' -N" ' > =, • & i " np 91 N" • & " » † Ö

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2) 63P = f '1 N" • & i] x

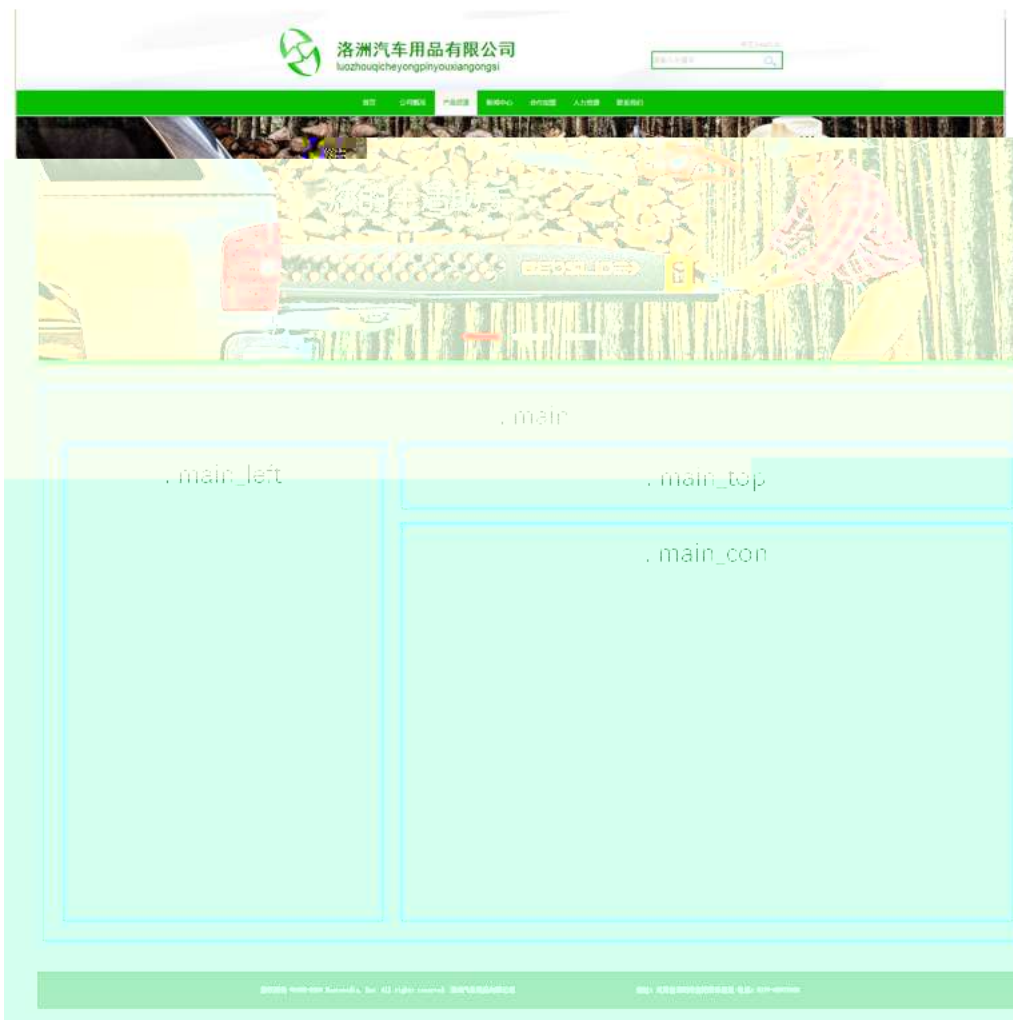
- 3) ! . G}5 L@ O § x
- 4) ! . G}5 Web# ?f x
- 5) , webN'- 3P x
- 6) E webN'- pMO,; css • & x
- 7) E webN'- pMO,; js • & x

Ö-"r Ö

B' X web O §;N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
 css ^js • & i " fIF T Z • & i ;, • &\$5 ?æ " Ö#1 § 1-1 Z .)5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O product. html ...product.css • & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ...
 .B N¥M ;,5 N¥ 3 p ~



§ t ; Ö

1 - fi ' class=" main" , div " X! div] K * 9 Z div ~

2 - x div "Aî5 class="main_left" "+X ¾n5 x,8Z ? x

3 - # x : div "Aî5 class="main_top" "+X ¾M 5 ,8Z ~

4 - # x ; div "Aî5 class="main_con" "+X ¾n5 # x x æ /j G> ~

5 - j 4 div Aî5 css "?-r t ; Ö

Aî5 .main , g ? x

Aî5 .main_left , g ? x

Aî5 .main_top , g ? x

Aî5 .main_con , g ? ~

Ö-r Ö

X product.html • &] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~

X product.css • &] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

O product.html ...product.css • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö
1yHTML71fi" ... @5 N¥] µØ s3P,5F É" f D! . fl+XCSS9 ^ } ^ g ? ^
• \ g ? ^Nì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7- .)à... • 5 N¥ g ? ^N¥M AîAÑx Ì . t
; Ö



§ 2-10

1. `product.html` • `<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

2. `product.css` • `.product {`
`width: 100%;`
`background-color: #f0f0f0;`
`border: 1px solid #ccc;`
`<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

3. `product.html` • `<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

4. `product.css` • `.product {`
`width: 100%;`
`background-color: #f0f0f0;`
`border: 1px solid #ccc;`
`<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

5. `product.html` • `<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

6. `product.css` • `.product {`
`width: 100%;`
`background-color: #f0f0f0;`
`border: 1px solid #ccc;`
`<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

7. `product.html` • `<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

8. `product.css` • `.product {`
`width: 100%;`
`background-color: #f0f0f0;`
`border: 1px solid #ccc;`
`<div class="product" id="product">`
`<h3>汽车电子</h3>`
``
`汽车电子`
`汽车内饰`
`清洗美容`
`外伤故障`
`其他配件`
``
`</div>`

5 ^ O product.html • & " X # x ,]\$+ — xæ /j G> " \$ t ; Ö

```

1 ^$+ —div 71fi "Aî5 class="product_main", id="thepic" " X div 71fi ]$+ —
Z div 71fi " 6 4 µ | div 71fi wAî5 class="realpic" x
2 ^ X µ |, 4 div 71fi ]$+ — ; µ Ø Ö
$+ —img 71fi " X img 71fi ] ð x ì . "IQ$+ — .(w x
$+ —p 71fi " X p 71fi ] x$+ — • "E +e x

```

6 ^ O product.css • & " ð x ì . j xæ /j G> \$+ — css g ? " \$ t ; Ö

```

Aî5 .product_main , g ? x
Aî5 .realpic , g ? x
Aî5 .realpic img , g ? x

```

Ö-"r Ö

X product.html • &] 6 :B N" html .1 Z . " Ö#1 \$ 3-1 Z . }5 ~

X product. css • &] 6 :B N" css .1 Z . " Ö#1 \$ 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x ì ~ 15 6 ~



§ ?-"r Ö

```

O product.js • & " É }(' x pMO .1 ~
/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg x
lÿL~ 20 8 Ø7 O P .(w x
UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn x
UP 7&Ø + 3R E j " 6 n/j > { # ) ~,E Ý.(w "UP 70+ O >5 5 Ýn x

```

Ô-"r Ö

B' Z :; fl z «& (w x ì . " Ô#1 § 4-1 Z .)5 ~

B' Z : x ì ; js . 1 ; . (w " Ô#1 § 4-2 Z .)5 ~

+ Ñ~ ^B3+X FG JSON• & " .)à Ô´ ?5 N¥ ~ 25 6 ~

1 ~F +X-(£; • \ § -; JSON • & medicine.json "JSON• & ; µØ œ l ?

t ; . p/j Ö

```
{"ID": "1", "TYPE": "产品展示", "NAME": "汽车电子", "IMG": "./IMG/car/1.jpg"},
{"ID": "2", "TYPE": "产品展示", "NAME": "汽车电子", "IMG": "./IMG/car/2.jpg"}
```



§ ?-"r Ö B' -; JSON• & " fi * > FO i>l -(£; ~

Ô-"r Ö) fi ; F >| Z . " Ô#1 § 5-1 Z .)5 ~

2 ~F +X JS F JQuery ° _ "B3+X FG JSON car.json • & " .)à Ô´ ?5 N¥5F

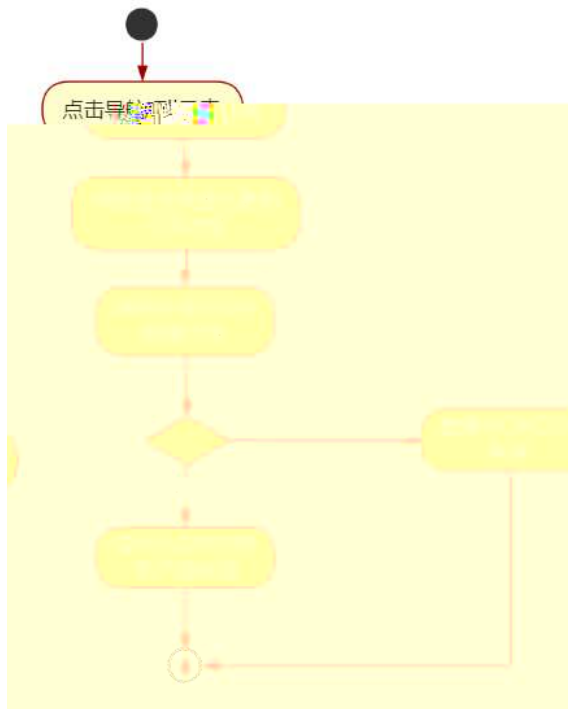
É~ » t&Ø + EØ ? s3P " >E µØ " #EØ ?- µ Ø i &Ø +; µØ " n/j * " >E µ

O ;-(£ xæ ~ § x ì . t ; . p/j "# ?4Ø¢ 74Ø j j F; j ~



§ ?-r Ö

à* • & car.js " f 6 • & E ' product.html • &] ~
j x: ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # xxæ G> ?- ; 7N" n/j&Ø + 71fi,
• \ µØ 'B3+X FG JSON • & "xæ G> ?- N¥] n/j IMGs3P) ~, ; .(w "
.(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z &Ø + FO i>l 71fi > " # xxæ G> n/j JSON• &],: FO i>l
 -(£ xæ, x ì . " Ô#1 § 5-2 Z .)5 ~

B' Z &Ø + f G} & 71fi > " # xxæ G> n/j JSON• &],: f G} &
 -(£ xæ, x ì . " Ô#1 § 5-3 Z .)5 ~

B' Z product.html • & .1] " E car.js • &,-(£ .1 .(w " Ô#1 §
 5-4 Z .)5 ~

B' Z car.js • &] "B3+X JSON• &,-.1 .(w " Ô#1 § 5-5 Z .)5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑoÒ*4{6 'X•5ê8ß& e . 1

oÑoÒÁ6ö4^•X•5ê8ß& e . 2

oÑoÒZ, ÄM,, xX•5ê8ß& e . ?

- 3) ! . G}5 Lö@ O § x
- 4) ! . G}5 Web# ?f x
- 5) , webN'- 3P x
- 6) E webN'- pMO,· css · & x
- 7) E webN'- pMO,· js · & x

Ö-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *,· webN'- .(w " Z { }B' O
 css ^ js · & i " fIF T Z · & i ;, · & \$5 ?æ " Ö#1 § 1-1 Z . }5 ~

+ Ñ... Ö¥M 3 p 10 6 ~

O news.html ...newscss · & " i ;M 5 N¥ 3 p . "F +X- Q » ^ j ... ·B N¥
 M ,5 N¥ 3 p ~



§ t ; Ö


```

1 fi class="main" , div X! div ] K * 9 Z div ~
2 x div "Aî5 class="main_left" "+X %4n5 x,8Z ? x
3 # x : div "Aî5 class="main_top" "+X %M 5 ,8Z ~
4 # x ; div "Aî5 class="main_con" "+X %4n5 # x à+ /j G> ~
5 j 4 div Aî5 css "?-r t ; Ö
    Aî5 .main , g ? x
    Aî5 .main_left , g ? x
    Aî5 .main_top , g ? x
    Aî5 .main_con , g ? ~

```

Ö-r Ö

```

X newshtml • & ] 6 :B N" html .1 Z . " Ö#1 § 2-1 Z . }5 ~
X newscss • & ] 6 :B N" css .1 Z . " Ö#1 § 2-2 Z . }5 ~

```

+ Ñ9 ^M 15 N¥AîAÑ~35 6 -

```

O news.html ...newscss • & " ! . fl+X • \ ^ 7N" ^ G> ^ J ^ ^K. Ö 1yHTML
71fi" ... @5 N¥ ] µØ s3P,5F É" f D! . fl+X CSSF9 ^ } ^ g ? ^ • \ g
? ^Nì8ç ^6ü ^j ^5 N¥ 3 p W1y ^7- )à... • 5 N¥ g ? "N¥M AîAÑx ì . t ; Ö

```



§ ?-r Ö

```

1 ^ O newshtml • & " X x F O D V V P D L,Q B V O ] $ + W ,8Z N' " § t ; Ö

```

1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö

2 ^ O news.css & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö

3 ^ O news.css & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö

4 ^ O news.css & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö

5 ^ O news

1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö
1 ^ O news.html & " X # x ;]\$+ — M 5 ,8Z " \$ t ; Ö

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 -



§ ?-r Ö

O newsjs • & " É }(' x pMO .1 ~
/j .(w "IQ j Ö banner1.jpg ^ banner2.jpg ^ banner3.jpg ×
!ÿL~ 208 Ø7 O P .(w ×
UP 7 Ü X .(w : & " ! 7 "UP 70+ O >5 5 Ýn ×
UP 7&Ø + 3R E j " 6 n/j > { #) ~,E Ý.(w "UP 70+ O >5 5 Ýn ×

Ô-r Ö

B' Z : , fl z «& (w x Ì . " Ô#1 § 4-1 Z . }5 ~
B' Z : x Ì , js .1 , .(w " Ô#1 § 4-2 Z . }5 ~

+ Ñ ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 -

1 F +X-(£ , • \ § - ; JSON • & carnews.json "JSON• & , µØ œ l ?

t ; . p/j Ö

- ("ID": "1", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "全国疫情期间，哪一款车对车内空气净化最好？", "TIME": "2020/3/18"),
- ("ID": "2", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "速风汽车空气净化组合单元产品介绍", "TIME": "2019/8/5"),
- ("ID": "3", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "新车除甲醛 为什么选择滤风？", "TIME": "2019/7/30"),
- ("ID": "4", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "汽车“排毒”利器--速风牌汽车空气净化组合单元2", "TIME": "2019/8/13"),
- ("ID": "5", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "“滤风”牌汽车空调专用活性炭触媒空气净化器", "TIME": "2019/8/12"),
- ("ID": "6", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "最省钱省电环保可信赖的空气净化什么品牌的好？", "TIME": "2019/8/11"),
- ("ID": "7", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "跟雾霾再见，体验长安欧尚A800车载空气净化系统！", "TIME": "2019/10/11"),
- ("ID": "8", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "车内空气净化高手，让你拒做人体过滤器！", "TIME": "2019/5/8"),
- ("ID": "9", "TYPE": "新闻中心", "NAME": "公司新闻", "TITLE": "空气净化器，车内空气净化器，车载空气净化器", "TIME": "2019/3/6"),
- ("ID": "10", "TYPE": "新闻中心", "NAME": "行业动态", "TITLE": "执法记录仪与行车记录仪的区别", "TIME": "2020/7/16"),
- ("ID": "11", "TYPE": "新闻中心", "NAME": "行业动态", "TITLE": "交警教你选购行车记录仪", "TIME": "2020/6/28"),
- ("ID": "12", "TYPE": "新闻中心", "NAME": "行业动态", "TITLE": "车内空气净化系统就能过滤病毒吗？", "TIME": "2020/6/16"),
- ("ID": "13", "TYPE": "新闻中心", "NAME": "行业动态", "TITLE": "刚刚！医保局消息，回款政策来了", "TIME": "2020/6/9"),
- ("ID": "14", "TYPE": "新闻中心", "NAME": "行业动态", "TITLE": "车内空气净化有妙招", "TIME": "2020/5/20"),
- ("ID": "15", "TYPE": "新闻中心", "NAME": "行业动态", "TITLE": "中石化，医疗器械，让不可能成为可能！", "TIME": "2020/5/14"),

§ ?-r Ö B' - ; JSON• & " fi * > ' &Ø6 'V -(£ , ~

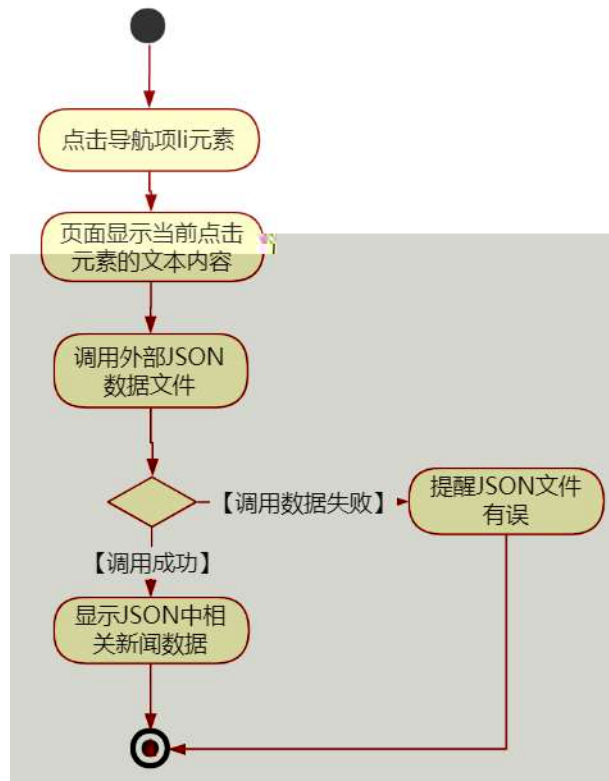
Ô-r Ö) fi ' ; F > | Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON carnews.json • & ")à Ô´ ?5
 N¥5F É~ » †&Ø + EØ ? s3P >| J Ø1 " #EØ ?- µØ i &Ø +, • \ " n/j * >|
 J Ø1 -(£, àL+ G> ~ § x ì . † ; . p/j "# ?4Ø 74Ø j j F, j



§ ?-"r Ö

à* • & carnews.js " f 6 • & E ' news.html • &] ~
 j x: ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # xxæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ "B3+X FG JSON • & " àL+ G> ?- N¥] n/j TITLE s3P) ~, à
 L+ 7N" " àL+ 3 &L\$ TIME s3P, IM # n/j ~ § &Ø + » &, -(£#k Ø. † ;
 . p/j Ö



5-2 调用JSON数据文件

本例中，调用JSON数据文件的代码如下：
 1. 在HTML文件中，调用JSON数据文件的代码如下：

```

<script src="news.html">
  </script>
  
```

2. 在JavaScript文件中，调用JSON数据文件的代码如下：

```

var json = {
  "news": [
    {
      "title": "2010年10月10日",
      "content": "2010年10月10日"
    }
  ]
}
  
```

3. 在HTML文件中，调用JSON数据文件的代码如下：

1. 在HTML文件中，调用JSON数据文件的代码如下：

2. 在JavaScript文件中，调用JSON数据文件的代码如下：

3. 在HTML文件中，调用JSON数据文件的代码如下：

oÑloÒ !!_2^®

fl FÓ "»E G} & 9L (@OB ¾ 1998 / 1 8 " _ O æp »"»E N#> ý3+5 ^
>| ~1Æ " k @ œ-00" @ » & ,.D "AîAÑ^+O x^ fFP, C J (" (EF ç - O xF
, PU#wK(3+5 ...-00" @ »3+5 œ"d 7 ÇAî 200-400 X' » @ »Aî 7 " f8 k O ¶
EVA/EPDM/TPOPE/ABS1yQ 6 = 8 T * É+O x4i " § 7 ¶Æ NVH3+5 , O "Aî
AÑ- , ~

4ÿE÷} OMO"rB3.D "5 1 N'- 4ô4ôKfl) (5 1 N'- "4ÿF >|N'- MO"r 6 À" 6 \5 1
N'- , }1 N¥M 6 @ Z Q " 6 [_O~ N¥^ (1° ß ^ àL+] ó^ xæ] ó^ 8 l d ^
CX 3+ ^ ÇE }) « ^ 6 3+ A ~ j ÉÓ "»E G} & °5 1 N'- O 4ô , @ "B' G÷X
-(~,5 N¥ O §E & ... @)à xæ]ó· Q " § -(£ + Ñt ; Ö

xæ] ó N¥M ,N¥M 3 p

xæ] ó N¥M ,M 1N¥M AîAÑ

xæ] ó N¥M , Ô´ ?)à

oÑloÒ !!_ X?;

+ ÑO Ö)ß†G}5 ^ webN'- à* > Ô ~10 6 ^

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K *1 N" • & i ÖK * 63+O ' -N" ' > =, • & i " n p 91 N" • & " » † Ö

3401033- k

63P = f '1 N" • & i] x

! . G}5 Lö@ O § x

! . G}5 Web# ?† x

, webN'- 3P x

E webN'- pMO, css • & x

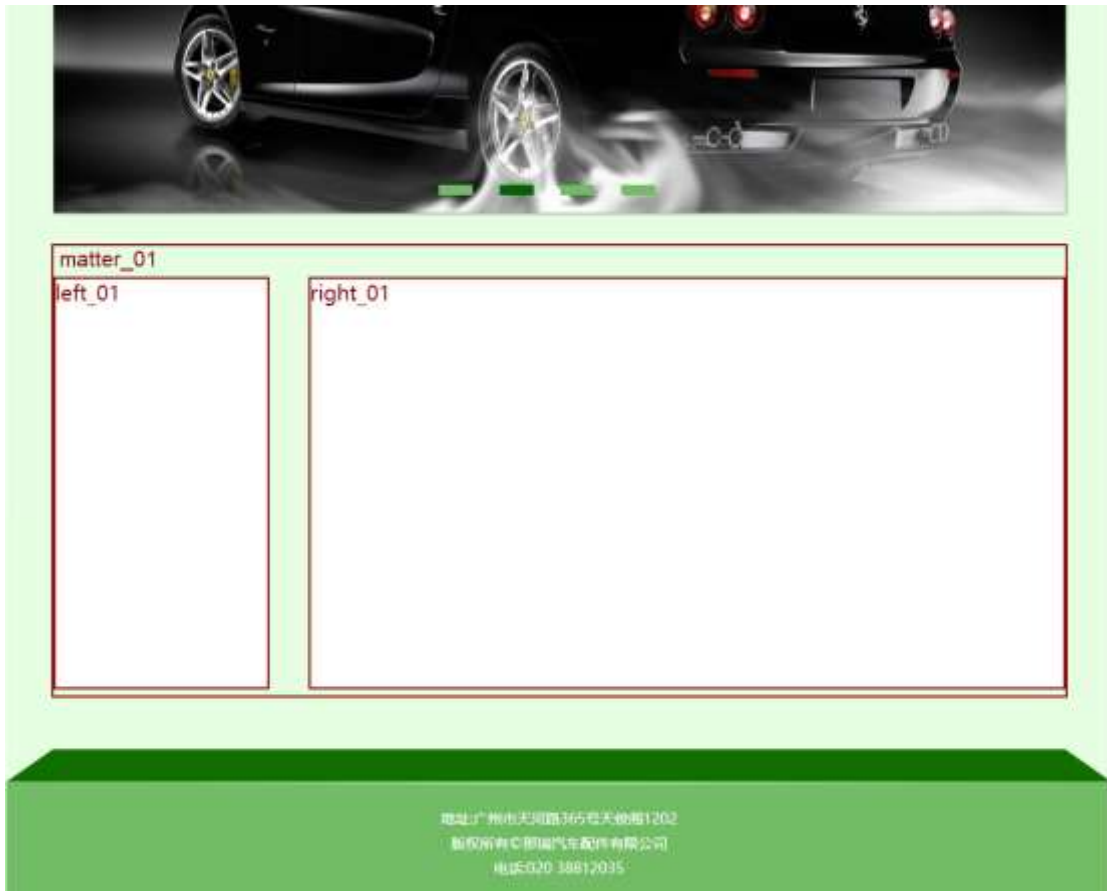
E webN'- pMO, js • & x

Ô-"r Ö

B' X web O §,N'- 1Ñ6 O'] Z K *, webN'- .(w " Z { }B' O
css ^ js • & i " flF T Z • & i ;, • & \$5 ?æ " Ô#1 § 1-1 Z .}5 ~

+ Ñ... ÖN¥M 3 p~ 10 6 ~

O • & i ;, ... • & i ;, • & " i ;M 5 N¥
3 p . "F +X- Q » ^ j ... ·B N¥M ,5 N¥ 3 p ~



§ t ; Ö

1 ~ fi '# Gœ μØ O B " X! div] K * 9 Z à· div ~

2 ~ K * k v "K * , ' X] K * # T Z "

t ; Ö

3 ~ K * x "Aî5 "+X %n5 x ,8Z ? x

4 ~ K * # x "Aî5 "+X %n5 # x x æ G> ~

5 ~ j 4 div Aî5 css " ?-"r t ; Ö

.matter_01 Aî5 F2 í Ö` EØ v x

.left_01 Aî5 F2 í Ö`Q Ö`6ü .(w ^# Ø# EØ x

.right_01 Aî5 F2 í Ö`Q Ö`# Ø# EØ ~

2 ^ O share.css • & " 9' x l . j ,8Z ?\$+ — g ? Ö

Ai5 k 7N" ^ 7N" g ? x

Ai5 ,8ZN' g ? x

Ai5 F9] ,8Z N' g ? x

Ai5 ,8Z N'Cµ4Ж. Ög ? x

3 ^ O product.html • & " j # x xæ G> \$+ — v æ .(w " X ,]

\$+ — Ö

1 ^ \$+ — , +X ¾n5 xæ G> 7N" " xæ] ó ~

2 ^ \$+ — , " X f] K * " +X ¾ n p 9 xæ .(w "

X]\$+ —6 Z div

6 Z ü ü +X ¾n/j § xæ x

X]\$+ — O Z xæ .(w ... O Z+X ¾n/j xæ =O ,!âm 71fi ~

Ö-"r Ö

X product.html • &] 6 :B N" html .1 Z . " Ö#1 § 3-1 Z . }5 ~

X product. css • &] 6 :B N" css .1 Z . " Ö#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x l ~ 15 6 ~



§ ?-"r Ö

à * banner.js • & " É }(' x pMO .1 ~

/j .(w "IQ j Ö images • & i ;, banner01.jpg ^ banner02.jpg ^
banner03.jpg x

lÿL~ 208 Ø7 OP .(w x

.(w ; Ø V 9 ,8Z "UP 70+ Ø# ,8Z " É n/j-(É .(w x

Ö-"r Ö

B' Z ;, fl z «& (w x ì . " Ö#1 § 4-1 Z . }5 ~

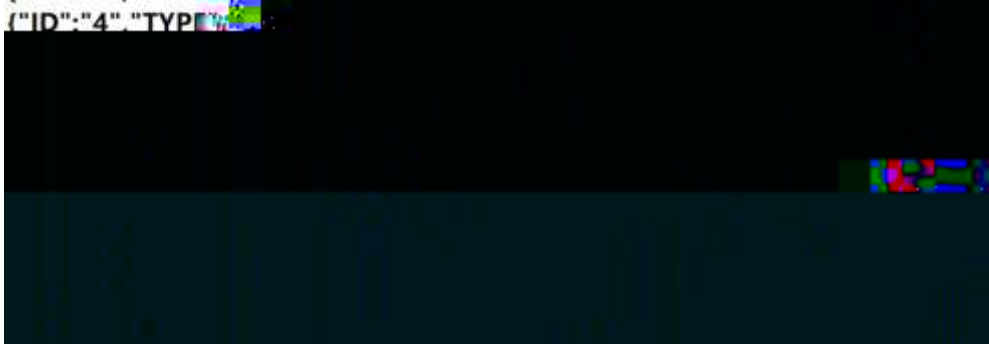
B' Z : x ì, js .1, .(w " Ö#1 § 4-2 Z . }5 ~

+ Ñ~ ^B3+X FG JSON• & ")à Ô´ ?5 N¥ ~ 25 6 ~

1 F +X-(É, • \ § -; JSON • & medicine.json "JSON• &, µØ œ l ?

t ; . p/j Ö

```
{ "ID": "1", "TYPE": "产品展示", "NAME": "汽车电子", "IMG": "../IMG/car/1.jpg" },  
{ "ID": "2", "TYPE": "产品展示", "NAME": "汽车电子", "IMG": "../IMG/car/2.jpg" },  
{ "ID": "3", "TYPE": "产品展示", "NAME": "汽车电子", "IMG": "../IMG/car/3.jpg" },  
{ "ID": "4", "TYPE": "产品展示", "NAME": "汽车电子", "IMG": "../IMG/car/4.jpg" }
```



§ ?-"r Ö B' -; JSON• & " fi * > \$5#G5%4Ø -(É, ~

Ö-"r Ö) fi ', F >| Z . " Ö-"r Ö) fi ', F >| Z . " Ö#

1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON car.json • & ")à Ô´ ?5 N¥5F

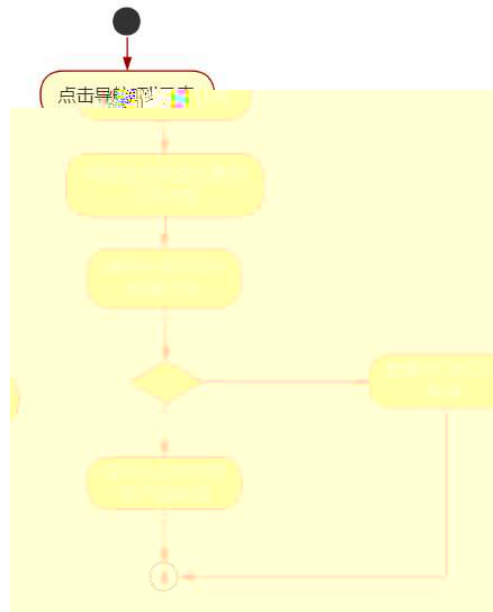
É~ » t&Ø + EØ ? s3P FO i>l " #EØ ?- µØ i &Ø +, µØ " n/j * FO i

>l ,-(É xæ ~ § x ì . t ; . p/j "# ?4Øc 74Ø j j F, j ~



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à* • & car.js " f 6 • & E ' product.html • &] ~
 j x· ,8ZN' ul 71fi] li s3P\$+ —UP 7+ » & ~
 UP 7&Ø + » &?-"r i &Ø + 71fi, µØ " # xxæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ µØ B3+X FG JSON • & "xæ G> ?- N¥] n/j IMGs3P) ~, .(w "
 .(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



Ô-"r Ö

B' Z &Ø + "›E µØ 71fi > " # x x æ G> n/j JSON• &],: "›E µØ
-(£ x æ; x ì . ~ Ô#1 § 5-2 Z .)5 ~

B' Z &Ø + f G} & 71fi > " # x x æ G> n/j JSON• &],: f G} &
-(£ x æ; x ì . ~ Ô#1 § 5-3 Z .)5 ~

B' Z product.html • & .1] " E car.js • &,-(£ .1 .(w ~ Ô#1 §
5-4 Z .)5 ~

B' Z car.js • &] "B3+X JSON• &,- .1 .(w ~ Ô#1 § 5-5 Z .)5 ~

+ Ñ Ô| J3P « ~ 10 6 ~

oÑ oÒ*¼{6 'X?; X•5ê8ß& e . 2

oÑ oÒ63 h &Gÿ?-"r?æ \ Q Lt ?

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

oÑloÒ !!_2^®

fl FÓ "»E G} & 9L (@OB ¾ 1998 / 1 8 " _ O æp »"»E N#> ý3+5 ^
>| ~1Æ " k @ œ-00" @ » & ,.D ^AîAÑ^+O x^ fFP; C J (~ (EF ç - O xF
; PU#wK(3+5 ...-00" @ »3+5 œ"d 7 çAî 200-400 X' » @ »Aî 7 " f8 k O ¶
EVA/EPDM/TPO/HDPE/ABS 6 = 8 T * É+O x4i " § 7 ¶/Æ NVH3+5 ; O ^Aî
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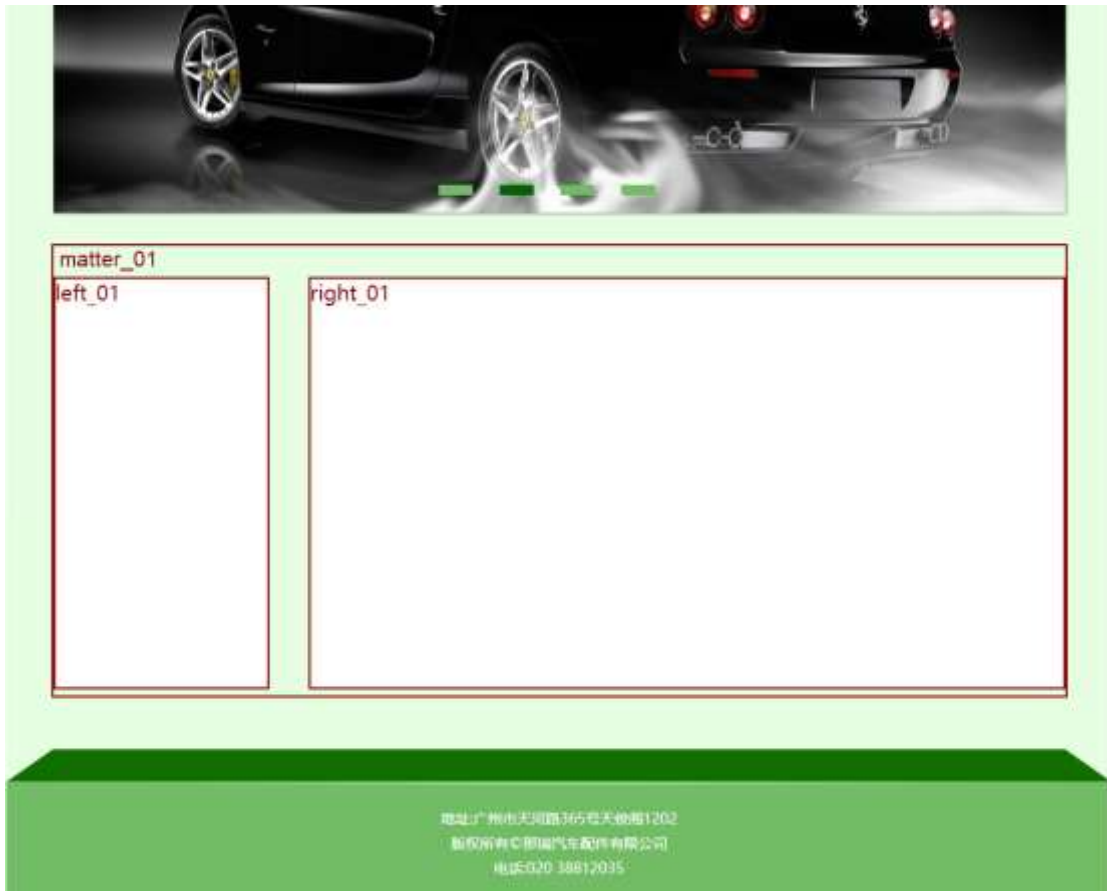
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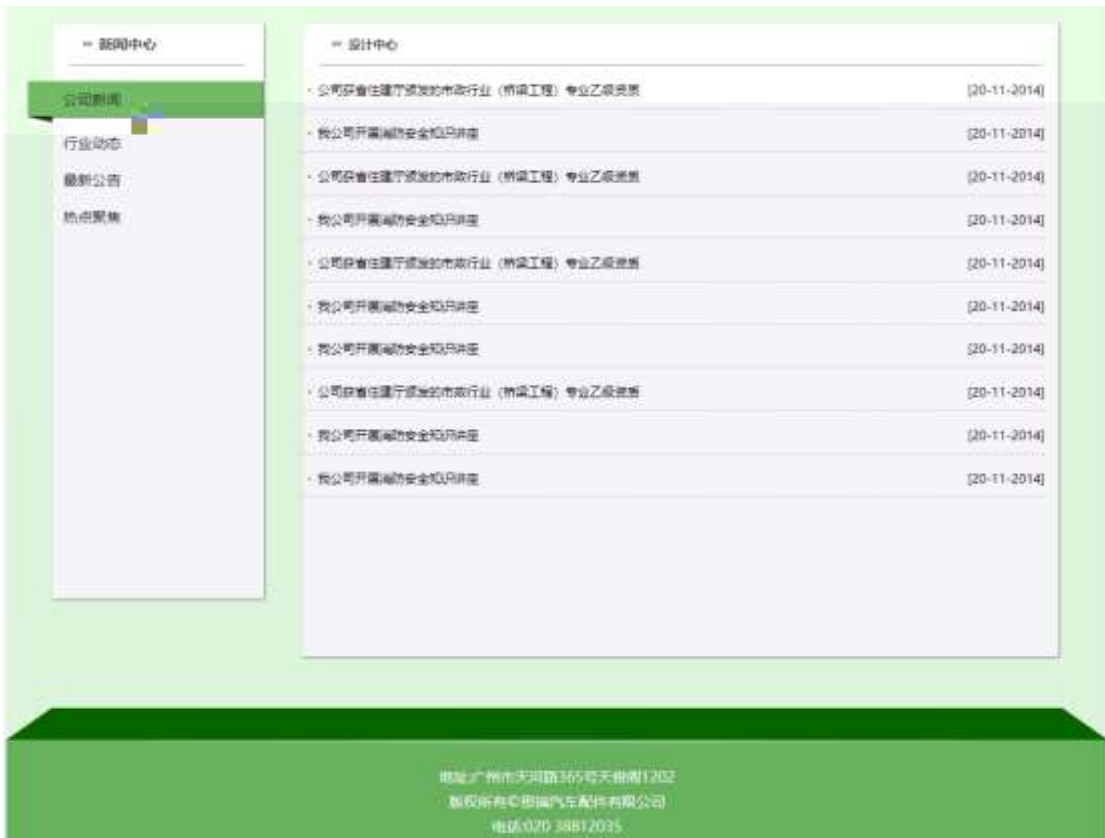
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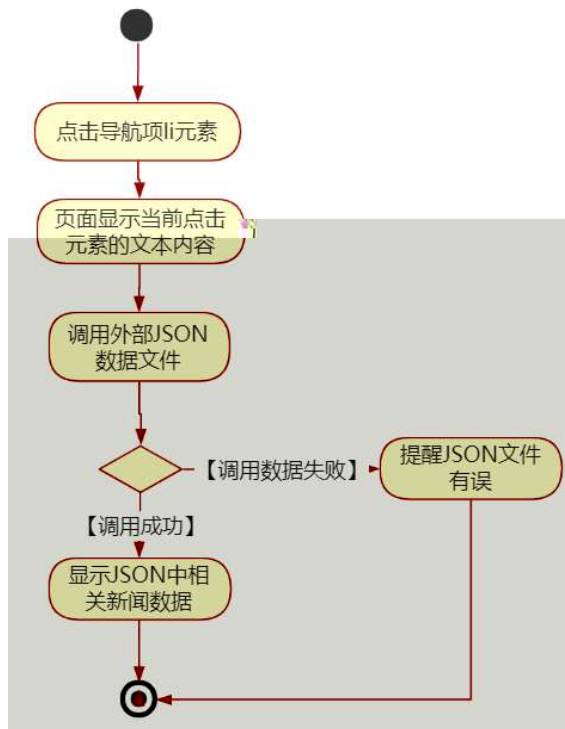
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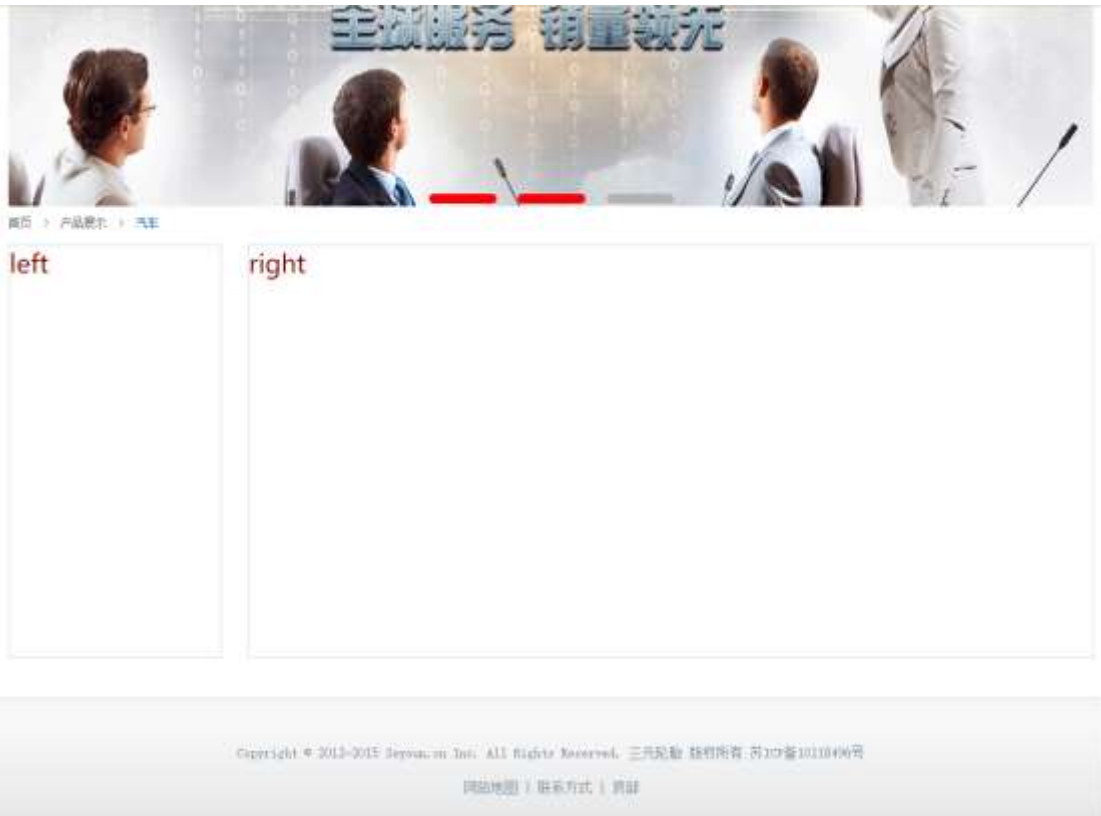
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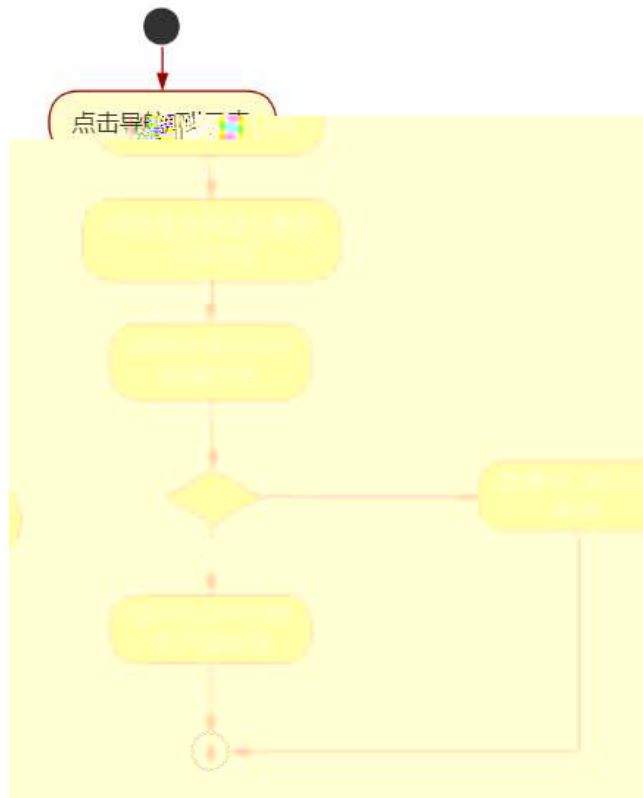


§ 5-1 需求分析

1. 系统需求分析：明确系统要做什么，包括功能需求、性能需求、接口需求等。

2. 用例图：使用用例图来描述系统的需求。用例图由参与者、用例和用例之间的关系组成。

3. 需求规格说明书：将需求分析的结果整理成文档，作为开发和测试的依据。



§ 5-2 用例图

1. 用例图的基本元素：参与者、用例、包含关系、扩展关系、包含关系。

2. 用例图的作用：描述系统的需求，帮助开发人员和测试人员理解系统。

3. 用例图的使用：在需求分析阶段使用用例图来描述系统的需求。

4. 用例图与需求规格说明书的关系：用例图是需求规格说明书的重要组成部分。

5. 用例图与UML其他图的关系：用例图是UML模型的一部分，与其他图（如类图、序列图）共同描述系统。

6. 用例图的应用：在实际开发中，用例图被广泛应用于需求分析、开发和测试。

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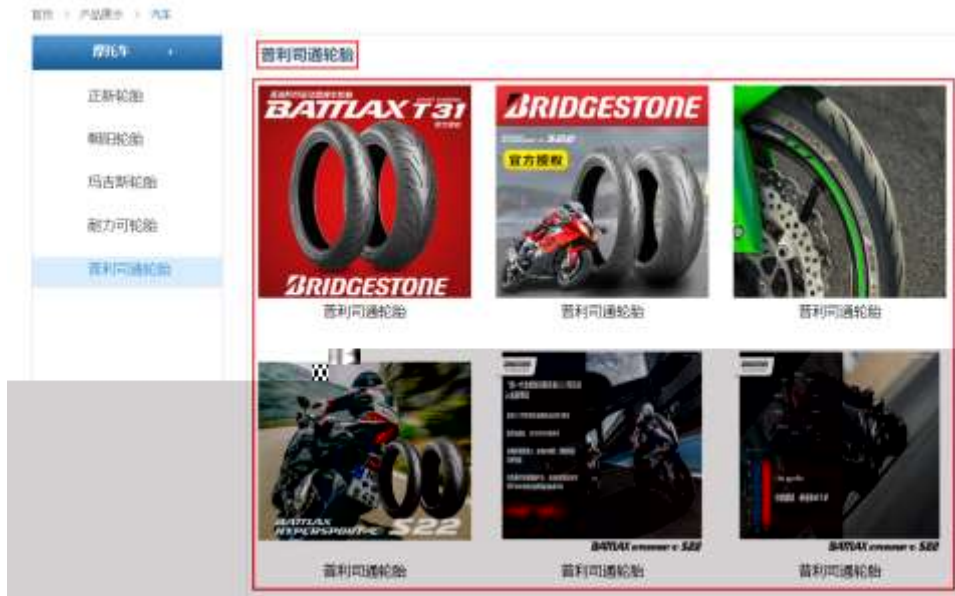
+ Ñ ~ ^B3+X FG JSON • & ") à Ô ´ ?5 N¥ ~ 25 6 ~

1 F +X-(£ , • \ § - ; JSON • & moto_tyre.json " JSON • & , µ Ø œ l
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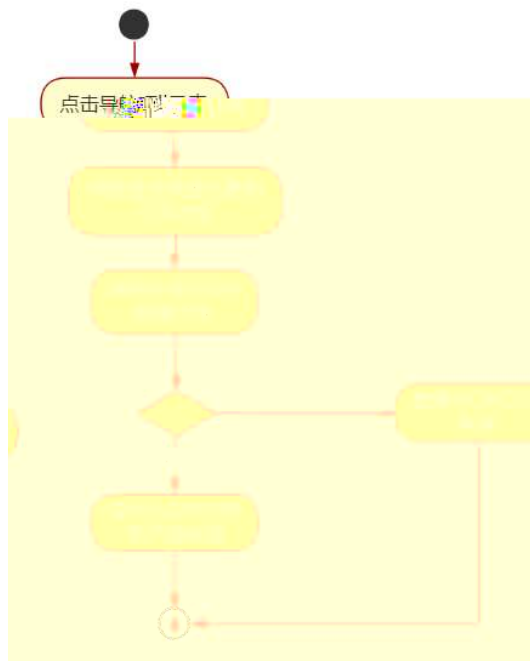
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Ô-\"r Ö) fi ' ; F > | Z . " Ô#1 § 5-1 Z . }5 ~

2 F +X JS F JQuery ° _ "B3+X FG JSON moto_tyre.json • & ") à Ô ´ ?
5 N¥5F É ~ » t&Ø + EØ ? s3P Y (FJE 6p " #EØ ?- µ Ø i &Ø + , µ Ø " n/j
* Y (FJE 6p , -(£ xæ ~ § x ì . t ; . p/j "# ?4Ø¢ 74Ø j j
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à * • & moto_tyre.js " f 6 • & E ' productMoto.html • &] ~
 j x ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-r i &Ø + 71fi, μØ " # xxæ G> ?- , 7N" n/j&Ø + 71fi,
 • \ μØ B3+X FG JSON • & "xxæ G> ?- N¥] n/j IMGs3P) ~, .(w "
 .(w ; Ø n/j NAMEs3P, l ~ § &Ø + » &,-(£#k Ø. † ; . p/j Ö



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B' Z &Ø +), 9 Æ 6p 71fi > " # xxæ G> n/j JSON• &],.), 9 Æ
6p -(£ xæ, x ì . ~ Ô 8#1 §5-2 Z . }5 ~

B' Z &Ø + MLcE 6p 71fi > " # xxæ G> n/j JSON• &],; MLcE 6p
-(£ xæ, x ì . ~ Ô#1 § 5-3 Z . }5 ~

B' Z productMto.html • & .1] " E moto_tyre.js • &,-(£ .1 .(w ~
Ô#1 § 5-4 Z . }5 ~

B' Z moto_tyre.js • &] "B3+X JSON• &,-.1 .(w ~ Ô#1 § 5-5 Z . }
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oÑ oÒNÁ6ö4^•X•5ê8ß& e . 2

oÑ oÒZ, ÄM,, xX•5ê8ß& e . ?

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AÔ ~

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ä+CtAß N¥M „;N¥M 3 p

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! . G}5 Web# ?† x

„ webN'- 3P x

E webN'- pMO„ css • & x

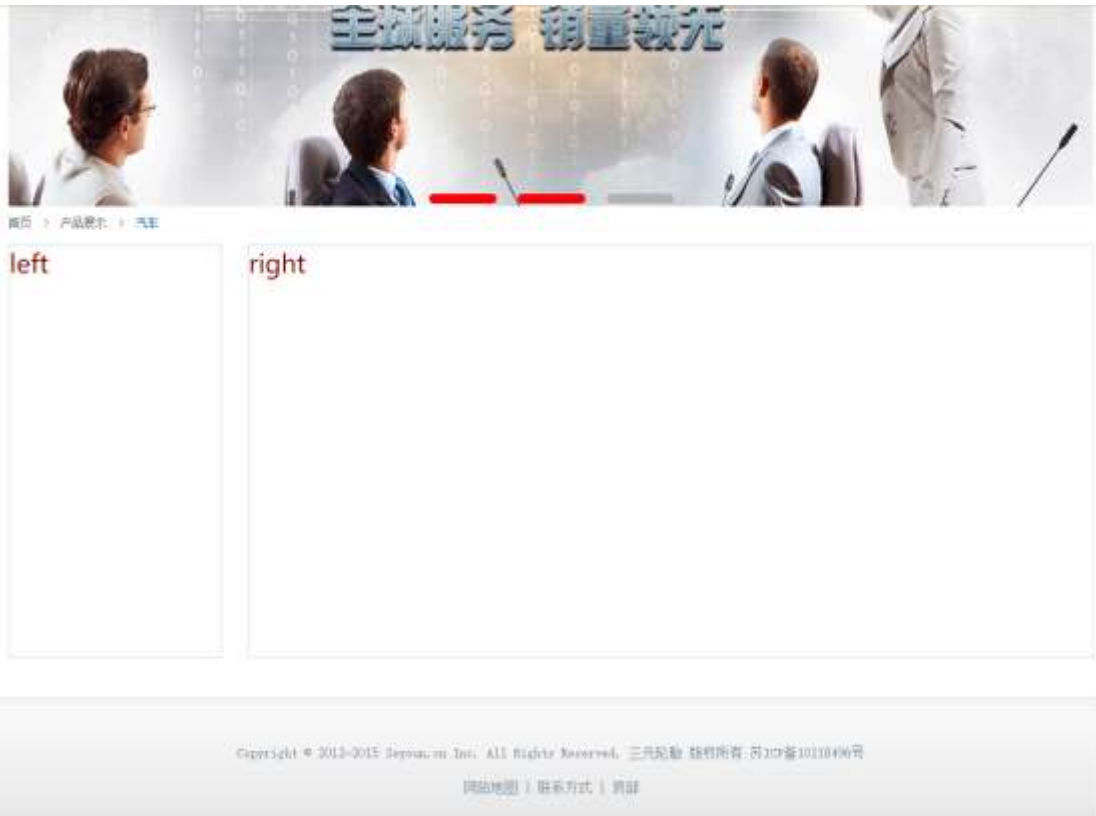
E webN'- pMO„ js • & x

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O news.html ...news.css • & " i ;M 5 N¥ 3 p . " F +X- Q » ^ j ... ·B N¥
M ,; 5 N¥ 3 p ~



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2 ~ K * x "Aî5 "X ¾n5 x ,8Z ? x

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4 ~ j 4 div Aî5 css " ? - " r t ; Ö

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j .right Aî5 F2 í Ö^Q Ö^# Ô# EØ ~

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X newscss • &] 6 :B N" css .1 Z . " Ô#1 § 2-2 Z . }5 ~

+ Ñ9 ^M 15 N¥AîAÑ 35 6 ~

ON'-], newshtml • & ...newscss • & " ! . fl+X • \ ^ 7N" ^G> ^ J ^ ^
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\$+ -8 Z +X ¼n/j § ä+ x

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X news css • &] 6 :B N" css .1 Z . " Ô#1 § 3-2 Z . }5 ~

+ Ñ ^ E JS «& & " ... ·N¥M fl z «& , Ø1 x Ì ~ 15 6 ~



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!ÿL ~ 20 8 Ø7 O P .(w x

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+ Ñ ~ ^B3+X FG JSON • & " ,)à Ô´ ?5 N¥ ~ 25 6 ~

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{"ID":1,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"立足上海，放眼全球","TIME":"2020/3/18"},
{"ID":2,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"胜在渠道*赢在终端","TIME":"2019/8/5"},
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{"ID":7,"TYPE":"新闻中心","NAME":"公司新闻","TITLE":"因特异展出两栖用概念轮胎","TIME":"2019/10/11"},
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{"ID":10,"TYPE":"新闻中心","NAME":"行业动态"}

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 Ô-r Ö) fi ', F >| Z . " Ô#1 § 5-1 Z . }5 ~

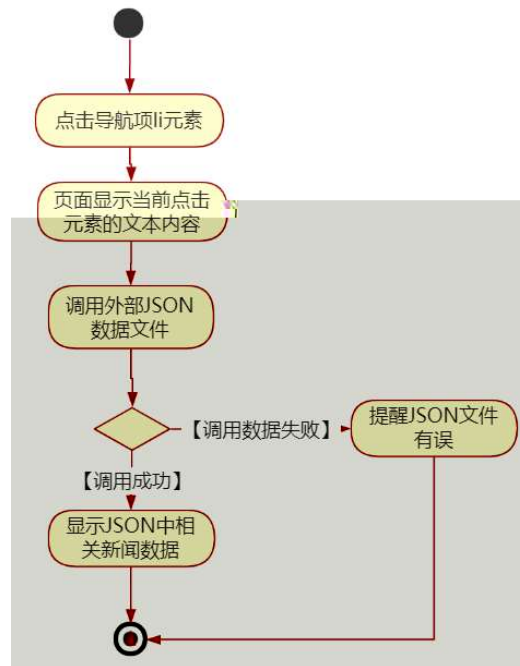
2 F +X JS F JQuery ° _ "B3+X FG JSON tyrenews.json • & " .)à Ô´ ?5
 N¥5F É~ » t&Ø + EØ ? s3P >| J Ø1 " #EØ ?- µØ i &Ø +, • \ " n/j * >|
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à * • & tyrenews.js " f 6 • & E ' news.html • &] ~
 j x: ,8ZN' ul 71fi] li s3P\$+ —UP 7 + » & ~
 UP 7&Ø + » &?-r i &Ø + 71fi, µØ " # xxæ G> ?- ; 7N" n/j&Ø + 71fi,
 • \ µØ "B3+X FG JSON • & " à+ G> ?- N¥] n/j TITLE s3P) ~; à
 L+ 7N" " à+ 3 &L\$ TIME s3P; IM # n/j ~ § &Ø + » &,-(£#k Ø. t ;

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B' Z &Ø + ' &Ø6 'V 71fi > " # xäl+ G> n/j JSON• &],; ' &Ø6 'V

-(£ ä+,; x ì . ~ Ö#1 § 5-2 Z . }5 ~

B' Z &Ø + O à z 71fi > " # xäl+ G> n/j JSON• &],; O à z

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B' Z news.html • & .1] " E tyrenews.js • &,-(£ .1 .(w ~ Ö#1

§ 5-4 Z . }5 ~

B' Z tyrenews.js • &] "B3+X JSON• &,-.1 .(w ~ Ö#1 § 5-5 Z . }

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oÑ oÖNÁ6ö4^•X•5ê8ß& e . 2

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pMO,E . &Aî 7 † ;> ~

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2	WebO §	Hbuilder	ö3 CE +F9 O/ÿWebO § ''(x \ F9)#q> (x \
3	# ?†	Hbuilder 8 V# ?†	
4		Office	(x \ F9)#q> (x \
5	E^ #		(x \ F9)#q> (x \
6	Windows		(x \ F9)#q> (x \

2 NÁ6ö4^•

63 h &Kfl j 150 6J~ ~

3 Z, ÄM,, x

Aô 'N'	6 l	Aô 64ö l
6| J3P «	10 6	4 • & i > = ?ö93 ''!ÿN' 2 6 x webN'-] • & > = ?ö93 ''!ÿN' 2 6 x webN'-] 4 • & Ø}5 = 8*6 ''!ÿN' 2 6 x ... j! ~
)ß †G}5 > webN'- à*	10 6	webN'- , = @ ~ '' 2-4 6 x Z @ ^G}5 webN'-)ß † '' 2 6 x Z E webN'- pMO, CSS• & ''!ÿ Z CSS• & 2 6 x Z E webN'- pMO, JS • & ''!ÿ Z JS • & 2 6 x ... j! ~
N¥M 3 p	10 6	Z 9?-"r Z . ''!ÿN' 1 6 x HTML.1]!ÿ5j A FKIB O Z 71fi ''!ÿN' 0.5-1 6 x HTML.1]!ÿ5j A FKIB O Z WAî5 ''!ÿN' 0.5 6 x CSS.1]!ÿ5j A FKIB O ZF9 ''!ÿN' 1-3 6 x CSS.1 4F9]!ÿ5j A FKIB O Z WAî5 ''!ÿN' 0.5

		6 x ... j! ~
M 15 NŲAĪAÑ	35 6	Z 9?-"r Z . "lŷN' 1 6 x HTML.1] lŷ5j A FKIB O Z 71fi "lŷN' 0.5-1 6 x HTML.1]lŷ5j A FKIB O Z WAĪ5 "lŷN' 0.5 6 x CSS.1]lŷ5j A FKIB O ZF9 "lŷN' 1-3 6 x CSS.1 4F9]lŷ5j A FKIB O Z WAĪ5 "lŷN' 0.5 6 x ... j! ~
E JS«& & " ... -NŲM fi z «& , Ø1 x Ī	10 6	js • & E html • & =! . " 1 6 x . (wE ÝN" ĵ =! . " 1 6 x . (wE Ý&L\$AĪ5 =! . " 1 6 x UP 7 Ü x Ī =! . " 2 6 x 3R E j &Ø + x Ī =! . " 2 6 x lŷ A n/j O P . (w " 1 6 x ... j! ~
B3+X FJSON• & ")à Ô´ ?5 NŲ	25 6	Z 9?-"r Z . "lŷN' 1 6 x Z fi ' JSON &]-(£, " 3 6 x x Ī .] G> 7N" Z n/j&Ø + 71fi, • \ µØ "lŷN' 2 6 x x Ī .] µØ > JSON &], = 08\$ "lŷN' 2 6 x js • & > =! . " 1 6 x js • & E html • & =! . " 2 6 x js .1]UP 7&Ø + » & .1 =! . " 0.5-2 6 x js .1] Ø1+O @HTML.1 =! . " 0.5-2 6 x js .1] @ ÀJSON & .1 =! . " 0.5-2 6 x ... j! ~