Core Java Test

1. Getting started
2. Language Basics
3. Loops and Conditions

---

1. How to find out system bit size?Q1

A. ☑
by using note pad

B. ☑
by using int variable

C. ☑
by right clicking on browserand then going to properties

D. ☑
by right clicking on computer and then going to properties

---

2. whcih feature not advisable to install while installing JDKQ2

A. ☑
development tools

B. ☑
source code

C. ☑
public JRE

D. ☑
none of the above

---

3. whcih env variable is required to specify commands locationQ3

A. ☑
echo

B. ☑
path

C. ☑
classpath

D. ☑

set

---

4. whcih command is used to set env variable in the command prompt?Q4

A. ☑
echo

B. ☑
path

C. ☑
classpath

D. ☑
set

---

5. whcih command is used to read env variable in the command prompt?Q5

A. ☑
echo

B. ☑
path

C. ☑
classpath

D. ☑
set

---

6. How many ways are there to set path env variableQ6

A. ☑
1

B. ☑
2

C. ☑
3

D. ☑
0

---

7. which way of setting a path will be local to the current command prompt?Q7

A. ☑
through set command

B. ☑

in my computer under user level

C. ☑

in my computer under system level

D. ☑

none of the above

8. which way of setting a path will be to the current user and all of his every session?Q8

A. ☑

through set command

B. ☑

in my computer under user level

C. ☑

in my computer under system level

D. ☑

none of the above

9.   which way of setting a path will be to every user??Q9

A. ☑

through set command

B. ☑

in my computer under user level

C. ☑

in my computer under system level

D. ☑

none of the above

10.   which way of setting a path will be most preferable?Q10

A. ☑

through set command

B. ☑

in my computer under user level

C. ☑

in my computer under system level

D. ☑

none of the above

11.   how to know the version of JDK? Q11

A. ☑
javac -version

B. ☑
javac version

C. ☑
JDK -version

D. ☑
JDK version

12.   which folder of JDK contains the commands Q12

A. ☑
bin

B. ☑
lib

C. ☑
cmd

D. ☑
javac

13.   which command is used to compile java program Q13

A. ☑
java

B. ☑
javac

C. ☑
compile

D. ☑
java_c

14.   which command is used to run java program Q14

A. ☑
java

B. ☑
javac

C. ☑
compile

D. ☑
java_c

---

15.   what is the file extention to java programQ15

A. ☑
java
B. ☑
javac
C. ☑
compile
D. ☑
txt

---

16.   Which type of file will be developing by javac commandQ16

A. ☑
java
B. ☑
class
C. ☑
compile
D. ☑
txt

---

17.   Which type of file will be using by java command to runQ17

A. ☑
java
B. ☑
class
C. ☑
compile
D. ☑
txt

---

18.   From which location we have to trigger javac commandQ18

A. ☑
from the place where java file is saved
B. ☑

from the place where class file is generated

C. ☑

from the place where javac command availbe

D. ☑

from the place where java command availbe

19. From which location we have to trigger java command Q19

A. ☑

from the place where java file is saved

B. ☑

from the place where class file is generated

C. ☑

from the place where javac command availbe

D. ☑

from the place where java command availbe

20. what is the order of the commands to be triggered? Q20

A. ☑

first javac and then java

B. ☑

first java and then javac

21. Which option of javac command is used to specify different location for class files Q21

A. ☑

-d

B. ☑

-cp

22. Which option of java command is used to specify class files location Q22

A. ☑

-d

B. ☑

-cp

23. Which option of java command is used to find out version of JDK Q23

A. ☑
```
-verstion
```
B. ☑
```
-java
```
C. ☑
```
-JDK
```

24. Which option of java command is used to find out all options and their description Q24

A. ☑
```
-all
```
B. ☑
```
-help
```
C. ☑
```
-total
```

25. Which command is used to change the current directory in the command prompt? Q25

A. ☑
```
cd
```
B. ☑
```
change
```
C. ☑
```
-move
```

26. Which command is used to move to parent of the current directory Q26

A. ☑
```
cd parent
```
B. ☑
```
cd ..
```
C. ☑
```
cd mv
```

27. which is a key word Q261

A. ☑
```
 class
```
B. ☑

```
main
```
C. ☑
```
100
```

---

28.   which is a literalQ262

A. ☑
```
class
```
B. ☑
```
main
```
C. ☑
```
100
```

---

29.   which is an identifierQ263

A. ☑
```
class
```
B. ☑
```
main
```
C. ☑
```
100
```

---

30.   which is an identifierQ264

A. ☑
```
class
```
B. ☑
```
main
```
C. ☑
```
true
```

---

31.   which is not a literalQ265

A. ☑
```
class
```
B. ☑
```
"class"
```
C. ☑
```
true
```

---

32.   which is not a boolean literalQ267

A. ☑
 "true"

B. ☑
 false

C. ☑
true

---

33.   which is not a key wordQ268

A. ☑
 class

B. ☑
 Class

C. ☑
true

---

34.   which is not an int literalQ269

A. ☑
 0

B. ☑
 -10

C. ☑
"20"

---

35.   which is not an int literalQ270

A. ☑
 0.0

B. ☑
 -10

C. ☑
0

---

36.   which is a char literalQ271

A. ☑
 '10'

B. ☑
 -"8"

C. ☑

'5'

37.   which is not a String literalQ272   pg. 10

A. ☑
'4'
B. ☑
-"8"
C. ☑
"a"

38.   all key words are in lowercase alphabetsQ273

A. ☑
true
B. ☑
false

39.   identifier can start with any alphabetQ274

A. ☑
true
B. ☑
false

40.   identifier can start with $Q275

A. ☑
true
B. ☑
false

41.   identifier cant start with _Q276

A. ☑
true
B. ☑
false

42.   identifier can start with any digitQ277

A. ☑

true

B. ☑

false

---

43.   identifier can have a digit from 2nd char onwardsQ278

A. ☑

true

B. ☑

false

---

44.   which special characters allowed in an identifierQ279

A. ☑

%

B. ☑

#

C. ☑

$

---

45.   identifier can be any key wordQ280

A. ☑

true

B. ☑

false

---

46.   identifier can have a space in the middleQ281

A. ☑

true

B. ☑

false

---

47.   println method automatically goes to the next line after printing.Q282

A. ☑

true

B. ☑

false

48. print method automatically goes to the next line after printing.Q283

A. ☑

true

B. ☑

false

49. which method goes to next line after printing.Q284

A. ☑

println

B. ☑

print

50. System.out.println("Hello"); //how many lines of outputQ285

A. ☑

1

B. ☑

2

C. ☑

0

51. System.out.print("Hello"); //how many lines of outputQ286

A. ☑

1

B. ☑

2

C. ☑

0

52. which is correct syntacticallyQ287

A. ☑

System.out.println();

B. ☑

System.out.print();

53. every variable should have a data type.Q288

A. ☑

  true

B. ☑

  false

54. we can assign 4.5 to int variable Q289

A. ☑

  true

B. ☑

  false

55. variable can have only one value at any time. Q290

A. ☑

  true

B. ☑

  false

56. we can declare multiple variables of same data type in the same statement by using comma as a separator Q291

A. ☑

  true

B. ☑

  false

57. we can declare multiple variables of diffenet data types in the same statement by using comma as a separator Q292

A. ☑

  true

B. ☑

  false

58. we can assign same value to multiple variables of same data type in the same statement Q293

A. ☑

  true

B. ☑

  false

59. we can assign same value to multiple variables of diffenet data types in the same statementQ294

A. ☑
true

B. ☑
false

60. we can use local variable without assignment.Q295

A. ☑
true

B. ☑
false

61. we cant use same name to more than one variable in the same methodQ296

A. ☑
true

B. ☑
false

62. first using and then declaring a variable is possible.Q297

A. ☑
true

B. ☑
false

63. + is used to add any thing to StringQ298

A. ☑
true

B. ☑
false

64.
```
class A
{
public static void main(String[] args)
{
int i = 1;
System.out.println(i ++);
```

```
            System.out.println(i);
            System.out.println(i);
            }
            }Q308
```

A. ☑
2
2
2

B. ☑
1
2
2

65.
```
class B
{
public static void main(String[] args)
{
int i = 0;
System.out.println(i ++);
System.out.println(i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
}
}
Q309
```

A. ☑
0
1
1
1
1

B. ☑
0
2
2
2
2

C. ☑
1
1
1
1
1

66.
```
class C
{
public static void main(String[] args)
{
int i = 5;
System.out.println(i --);
System.out.println(i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
}
}
```

Q310

A. ☑
4
4
4
4
4
4

B. ☑
5
4
3
2
1
0

C. ☑
5
4
4
4
4
4

67.
```
class D
{
public static void main(String[] args)
{
int i = 0;
int j = i ++;
System.out.println(i);
System.out.println(j);
}
```

```
        }
        Q311
```

A. ☑
0
1

B. ☑
1
0

C. ☑
1
1

68.
```
class E
{
public static void main(String[] args)
{
int i = 10;
int j = i --;
System.out.println(i);
System.out.println(j);
}
}
Q312
```

A. ☑
9
10

B. ☑
10
9

C. ☑
9
9

69.
```
class F
{
public static void main(String[] args)
{
int i = 0;
int j = i ++ + i;
System.out.println(i);
System.out.println(j);
```

```
        }
      }
      Q313
```

A. ☑
0
1

B. ☑
1
0

C. ☑
1
1

70.
```
class G
{
public static void main(String[] args)
{
int i = 5;
int j = i -- + i;
System.out.println(i);
System.out.println(j);
}
}
Q314
```

A. ☑
4
9

B. ☑
9
4

71.
```
class H
{
public static void main(String[] args)
{
int i = 0;
int j = i ++ + i + i ++ + i;
System.out.println(i);
System.out.println(j);
}
}
Q315
```

A. ☑
4
2
B. ☑
2
4
C. ☑
2
2

72.
```
class I
{
public static void main(String[] args)
{
int i = 5;
int j = i -- + i + i -- + i;
System.out.println(i);
System.out.println(j);
}
}
```
Q316

A. ☑
3
16
B. ☑
5
16
C. ☑
4
15

73.
```
class J
{
public static void main(String[] args)
{
int i = 0;
int j = i ++ + i ++ + i ++ + i;
System.out.println(i);
System.out.println(j);
}
}
```
Q317

A. ☑

2

6

B. ☑

3

6

C. ☑

4

5

74.
```
class K
{
public static void main(String[] args)
{
int i = 5;
int j = i -- + i -- + i -- + i;
System.out.println(i);
System.out.println(j);
}
}
```
Q318

A. ☑

2

16

B. ☑

3

16

C. ☑

2

14

75.
```
class L
{
public static void main(String[] args)
{
int i = 0;
int j = i ++ + i + i ++ + i + i -- + i +
i -- + i + i -- + i + i ++ + i +
i + i ++ + i ++ + i -- + i -- + i;
System.out.println(i);
System.out.println(j);
}
}
```
Q319

A. ☑
0
10

B. ☑
10
0

C. ☑
0
11

76.
```
class M
{
public static void main(String[] args)
{
int i = 0;
i = i ++;
System.out.println(i);
}
}
```
Q320

A. ☑
1

B. ☑
2

C. ☑
0

77.
```
class N
{
public static void main(String[] args)
{
int i = 5;
i = i --;
System.out.println(i);
}
}
```
Q321

A. ☑
4

B. ☑
5

C. ☑
6

78.
```
class O
{
public static void main(String[] args)
{
int i = 0;
System.out.println(++ i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
}
}
```
Q322

A. ☑
1
1
1
1
1
B. ☑
1
2
2
2
2

79.
```
class P
{
public static void main(String[] args)
{
int i = 5;
System.out.println(-- i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
System.out.println(i);
}
}
```
Q323

A. ☑
5

4
4
4
4
B. ☑
4
4
4
4
4

80.
```
class Q
{
public static void main(String[] args)
{
int i = 0;
int j = ++ i;
System.out.println(i);
System.out.println(j);
}
}
```
Q324

A. ☑
1
2
B. ☑
1
1

81.
```
class R
{
public static void main(String[] args)
{
int i = 5;
int j = -- i;
System.out.println(i);
System.out.println(j);
}
}
```
Q325

A. ☑
4
4
B. ☑

4

3

82.
```
class S
{
public static void main(String[] args)
{
int i = 0;
int j = ++ i + i + ++ i;
System.out.println(i);
System.out.println(j);
}
}
Q326
```

A. ☑
4
4

B. ☑
2
3

C. ☑
2
4

83.
```
class T
{
public static void main(String[] args)
{
int i = 1;
int j = ++ i + i + -- i + i;
System.out.println(i);
System.out.println(j);
}
}
Q327
```

A. ☑
1
6

B. ☑
2
6

C. ☑
2

5

84.

```
class A
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 0)
{
i ++;
}
System.out.println("main:" + i);
}
}
Q340
```

pg. 25

A. ☑

Compile Time Error

B. ☑

2

C. ☑

1

85.

```
class B
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 0)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
Q341
```

A. ☑

if block:1
main:3

B. ☑

main:0

C. ☑

main:1

86.
```
class C
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 1)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q342

A. ☑
```
if block:1
main:3
```
B. ☑
```
main:0
```
C. ☑
```
main:1
```

87.
```
class D
{
public static void main(String[] args)
{
int i = 0;
if(true || i++ == 1)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q343

A. ☑
```
if block:1
main:3
```
B. ☑
```
if block:0
main:2
```
C. ☑

```
main:0
```

88.
```
class E
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 0 || i++ == 1)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q344

A. ☑
```
if block:1
main:3
```
B. ☑
```
if block:0
main:2
```
C. ☑
```
if block:1
main:2
```

89.
```
class F
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 1 || i++ == 1)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q345

A. ☑
```
if block:0
main:3
```
B. ☑

```
if block:1
main:4
```
C. ☑
```
if block:2
main:4
```

90.
```
class G
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 1 || i++ == 2)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q346

A. ☑
```
main:2
```
B. ☑
```
main:0
```
C. ☑
```
main:1
```

91.
```
class H
{
public static void main(String[] args)
{
int i = 0;
if(false && i++ == 0)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q347

A. ☑
```
if block:1
main:3
```

B. ☑
main:0

C. ☑
main:1

92.
```
class I
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 0 && i++ == 0)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q348

A. ☑
if block:2
main:5

B. ☑
main:0

C. ☑
main:2

93.
```
class J
{
public static void main(String[] args)
{
int i = 0;
if(i++ == 0 && i++ == 1)
{
System.out.println("if block:" + i++);
i++;
}
System.out.println("main:" + i);
}
}
```
Q349

A. ☑
if block:2

```
main:4
```
B. ☑
```
main:1
```
C. ☑
```
main:2
```

94.
```java
class K
{
public static void main(String[] args)
{
System.out.println(true);
System.out.println(!true);
System.out.println(true || true);
System.out.println(true || false);
System.out.println(false || false);
System.out.println(false || true);
System.out.println(true && true);
System.out.println(true && false);
System.out.println(false && false);
System.out.println(false && true);
}
}
Q350
```

A. ☑
```
true
false
true
true
false
true
true
false
false
false
```
B. ☑
```
true
false
true
true
true
true
true
false
false
false
```

C. ☑
true
false
true
true
false
true
true
false
false
true

95.
```
class L
{
public static void main(String[] args)
{
int i = 0;
System.out.println(true || (i++ == 0));
System.out.println(i);
}
}
```
Q351

A. ☑
true
1
B. ☑
true
0
C. ☑
Compile Time Error

96.
```
class M
{
public static void main(String[] args)
{
int i = 0;
System.out.println(false || (i++ == 0));
System.out.println(i);
}
}
```
Q352

A. ☑
false
1

B. ☑
true
0

C. ☑
true
1

97.
```
class N
{
public static void main(String[] args)
{
int i = 0;
System.out.println(false && (i++ == 0));
System.out.println(i);
}
}
```
Q353

A. ☑
false
0

B. ☑
false
1

C. ☑
true
1

98.
```
class O
{
public static void main(String[] args)
{
int i = 0;
System.out.println(true && (i++ == 0));
System.out.println(i);
}
}
```
Q354

A. ☑
0

B. ☑
true
0

C. ☑

```
true
1
```

99.
```
class A
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if block");
}
else
{
System.out.println("else block");
}
System.out.println("main end");
}
}
```
Q355

A. ☑
```
main begin
if block
main end
```
B. ☑
```
main begin
else block
main end
```
C. ☑
```
main begin
main end
```

100.
```
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if block");
}
else
{
System.out.println("else block");
}
System.out.println("main end");
```

```
    }
    }
    Q356
```

A. ☑
```
main begin
if block
main end
```
B. ☑
```
main begin
else block
main end
```
C. ☑
```
main begin
main end
```

101.
```
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if block");
}
else
System.out.println("else block");
System.out.println("main end");
}
}
Q357
```

A. ☑
```
main begin
else block
main end
```
B. ☑
```
main begin
if block
main end
```
C. ☑
```
main begin
main end
```

102.   class D

```
        {
        public static void main(String[] args)
        {
        System.out.println("main begin");
        if(true)
        {
        System.out.println("if block");
        }
        else
        System.out.println("else block stmt1");
        System.out.println("else block stmt2");
        System.out.println("else block stmt3");
        System.out.println("main end");
        }
        }
        Q358
```

A. ☑

```
main begin
else block stmt1
else block stmt2
else block stmt3
main end
```

B. ☑

```
main begin
if block
main end
```

C. ☑

```
main begin
if block
else block stmt2
else block stmt3
main end
```

```
103.    class E
        {
        public static void main(String[] args)
        {
        System.out.println("main begin");
        if(true)
        {
        System.out.println("if block");
        }
        else
        {
        System.out.println("else block stmt1");
        System.out.println("else block stmt2");
```

```
            System.out.println("else block stmt3");
            }
            System.out.println("main end");
            }
            }
            Q359
```

A. ☑
```
main begin
else block stmt1
else block stmt2
else block stmt3
main end
```
B. ☑
```
main begin
if block
main end
```
C. ☑
```
main begin
if block
else block stmt2
else block stmt3
main end
```

104.
```
class F
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if block");
}
else
{
int i = 110;
System.out.println("else block stmt1");
System.out.println("else block stmt2");
System.out.println("else block stmt3");
}
i = 220;
System.out.println("main end:" + i);
}
}
Q360
```

A. ☑
```
main begin
else block stmt1
else block stmt2
else block stmt3
main end:220
```
B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
if block
main end:220
```

105.
```java
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
if(true)
{
i = i + 20;
System.out.println("if block");
}
else
{
i = i + 30;
System.out.println("else block stmt1");
System.out.println("else block stmt2");
System.out.println("else block stmt3");
}
System.out.println("main end:" + i);
}
}
Q361
```

A. ☑
```
main begin
else block stmt1
else block stmt2
else block stmt3
main end:40
```
B. ☑
```
Compile Time Error
```
C. ☑

```
main begin
if block
main end:30
```

```
106.   class H
       {
       public static void main(String[] args)
       {
       System.out.println("main begin");
       int i = 10;
       if(false)
       {
       i = i + 20;
       System.out.println("if block");
       }
       else
       {
       i = i + 30;
       System.out.println("else block stmt1");
       System.out.println("else block stmt2");
       System.out.println("else block stmt3");
       }
       System.out.println("main end:" + i);
       }
       }
       Q362
```

A. ☑
```
main begin
else block stmt1
else block stmt2
else block stmt3
main end:40
```
B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
if block
main end:30
```

```
107.   class I
       {
       public static void main(String[] args)
       {
       System.out.println("main begin");
       if(true)
       {
```

```
        System.out.println("if block");
        }
        else;
        System.out.println("else block stmt1");
        System.out.println("else block stmt2");
        System.out.println("else block stmt3");
        System.out.println("main end:");
        }
        }
        Q363
```

A. ☑
```
main begin
else block stmt2
else block stmt3
main end:
```
B. ☑
```
main begin
if block
else block stmt1
else block stmt2
else block stmt3
main end:
```
C. ☑
None

108.
```
class J
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if block");
}
else;
{
System.out.println("else block stmt1");
System.out.println("else block stmt2");
System.out.println("else block stmt3");
}
System.out.println("main end:");
}
}
Q364
```

A. ☑
```
main begin
else block stmt1
else block stmt2
else block stmt3
main end
```
B. ☑
```
main begin
if block
else block stmt1
else block stmt2
else block stmt3
main end:
```
C. ☑
None

109.
```
class K
{
public static void main(String[] args)
{
System.out.println("main begin");
else
{
System.out.println("else block stmt1");
System.out.println("else bloc.k stmt2");
System.out.println("else block stmt3");
}
System.out.println("main end:");
}
}
Q365
```

A. ☑
```
Compile Time Error
```
B. ☑
```
main begin
else block stmt1
else block stmt2
else block stmt3
main end
```
C. ☑
None

110.
```
class L
{
```

```
         public static void main(String[] args)
         {
         System.out.println("main begin");
         if(true)
         {
         System.out.println("if-block");
         }
         System.out.println("some thing");
         else
         {
         System.out.println("else block stmt1");
         System.out.println("else block stmt2");
         System.out.println("else block stmt3");
         }
         System.out.println("main end:");
         }
         }
         Q366
```

A. ☑
```
main begin
if-block
some thing
main end
```
B. ☑
```
Compile Time Error
```
C. ☑
```
None
```

111.  ```
      class M
      {
      public static void main(String[] args)
      {
      System.out.println("main begin");
      if(false);
      {
      System.out.println("if-block");
      }
      System.out.println("main end:");
      }
      }
      Q367
```

A. ☑
```
main begin
if-block
```

main end
B. ☑
Compile Time Error
C. ☑
main begin
main end:

---

112.    ```
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true);
{
System.out.println("if-block");
}
else
{
System.out.println("else block stmt1");
System.out.println("else block stmt2");
System.out.println("else block stmt3");
}
System.out.println("main end:");
}
}
```
Q368

A. ☑
main begin
if-block
main end
B. ☑
Compile Time Error
C. ☑
main begin
else block stmt1
else block stmt2
else block stmt3
main end

113.    ```
class O
{
public static void main(String[] args)
{
System.out.println("main begin");
```

```
        {
        System.out.println("block1-stmt1");
        System.out.println("block1-stmt2");
        System.out.println("block1-stmt3");
        System.out.println("block1-stmt4");
        }

        System.out.println("some thing");

        {
        System.out.println("block2-stmt1");
        System.out.println("block2-stmt2");
        System.out.println("block2-stmt3");
        System.out.println("block2-stmt4");
        }
        System.out.println("main end:");
        }
        }
```
Q369

A. ☑
```
main begin
block1-stmt1
block1-stmt2
block1-stmt3
block1-stmt4
some thing
block2-stmt1
block2-stmt2
block2-stmt3
block2-stmt4
main end:
```
B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
block1-stmt1
block1-stmt2
block1-stmt3
block1-stmt4
some thing
main end
```

114.
```
class P
{
public static void main(String[] args)
{
```

```
    System.out.println("main begin");

    {
    int i = 10;
    System.out.println("block1-stmt1");
    System.out.println("block1-stmt2");
    System.out.println("block1-stmt3");
    System.out.println("block1-stmt4");
    }

    System.out.println("some thing:" + i);

    {
    System.out.println("block2-stmt1");
    System.out.println("block2-stmt2");
    System.out.println("block2-stmt3");
    System.out.println("block2-stmt4");
    }
    System.out.println("main end:");
    }
    }
    Q370
```

A. ✔
```
main begin
block1-stmt1
block1-stmt2
block1-stmt3
block1-stmt4
some thing
block2-stmt1
block2-stmt2
block2-stmt3
block2-stmt4
main end:
```
B. ✔
```
Compile Time Error
```
C. ✔
```
main begin
block1-stmt1
block1-stmt2
block1-stmt3
block1-stmt4
some thing:10
main end
```

115.   class Q

```
{
public static void main(String[] args)
{
System.out.println("main begin");

int i = 10;

{
i = i + 20;
System.out.println("block1-stmt1");
System.out.println("block1-stmt2");
System.out.println("block1-stmt3");
System.out.println("block1-stmt4");
}

System.out.println("some thing:" + i);

{
i = i + 30;
System.out.println("block2-stmt1");
System.out.println("block2-stmt2");
System.out.println("block2-stmt3");
System.out.println("block2-stmt4");
}
System.out.println("main end:" + i);
}
}
Q371
```

A. ☑
```
main begin
block1-stmt1
block1-stmt2
block1-stmt3
block1-stmt4
some thing:30
main end:
```
B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
block1-stmt1
block1-stmt2
block1-stmt3
block1-stmt4
some thing:30
block2-stmt1
```

```
block2-stmt2
block2-stmt3
block2-stmt4
main end:60
```

116.
```java
class A
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if1 begin");
if(false)
{
System.out.println("if2 body");
}
else
{
System.out.println("else2-body");
}
System.out.println("if1 end");
}
System.out.println("main end");
}
}
```
Q372

A. ☑
```
Compile Time Error
```
B. ☑
```
main begin
if1 begin
else2-body
if1 end
main end
```
C. ☑
```
main begin
if1 begin
if1 end
main end
```

117.
```java
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
```

```
    if(true)
    {
    System.out.println("if1 begin");
    if(true)
    {
    System.out.println("if2 body");
    }
    else
    {
    System.out.println("else2-body");
    }
    System.out.println("if1 end");
    }
    System.out.println("main end");
    }
    }
    Q373
```

A. ☑
```
main begin
if1 begin
if2 body
if1 end
main end
```
B. ☑
```
main begin
if1 begin
else2-body
if1 end
main end
```
C. ☑
```
main begin
if1 begin
if1 end
main end
```

118.
```
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if1 begin");
if(true)
{
System.out.println("if2 body");
```

```
}
else
{
System.out.println("else2-body");
}
System.out.println("if1 end");
}
System.out.println("main end");
}
}
Q374
```

A. ☑
```
main begin
if1 begin
if2 body
if1 end
main end
```
B. ☑
```
main begin
if1 begin
else2-body
if1 end
main end
```
C. ☑
```
main begin
main end
```

119.
```
class D
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
if(true)
{
System.out.println("if2 body");
}
else
{
System.out.println("else2-body");
}
}
System.out.println("main end");
}
}
```

Q375

A. ☑
```
main begin
if2 body
main end
```

B. ☑
```
main begin
else2-body
main end
```

C. ☑
```
main begin
main end
```

120.
```
class E
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
if(true)
{
System.out.println("if2 body");
}
else
{
System.out.println("else2-body");
}
System.out.println("main end");
}
}
```
Q376

A. ☑
```
main begin
if2 body
main end
```

B. ☑
```
main begin
else2-body
main end
```

C. ☑
```
main begin
main end
```

121.
```
class F
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
if(true)
System.out.println("if2 body");
else
System.out.println("else2-body");
System.out.println("main end");
}
}
```
Q377

A. ☑
```
main begin
main end
```
B. ☑
```
main begin
else2-body
main end
```
C. ☑
```
main begin
if2 body
main end
```

122.
```
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
if(true)
System.out.println("if2 body");
else
System.out.println("else2-body");
System.out.println("main end");
}
}
```
Q378

A. ☑
```
main begin
else2-body
main end
```

B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 body
main end
```

123.
```java
class H
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
if(false)
System.out.println("if2 body");
else
System.out.println("else2-body");
System.out.println("main end");
}
}
```
Q379

A. ☑
```
main begin
else2-body
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 body
main end
```

124.
```java
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if1 begin");
if(false)
{
System.out.println("if2 body");
```

```
        }
        else
        {
        System.out.println("else2-body");
        }
        System.out.println("if1 end");
        }
        else
        {
        System.out.println("else1-body");
        }
        System.out.println("main end");
        }
        }
        Q380
```

A. ☑

```
main begin
if1 begin
if2 body
if1 end
main end
```

B. ☑

```
main begin
main end
```

C. ☑

```
main begin
if1 begin
else2-body
if1 end
main end
```

125.   class J
```
       {
       public static void main(String[] args)
       {
       System.out.println("main begin");
       if(false)
       {
       System.out.println("if1 begin");
       if(false)
       {
       System.out.println("if2 body");
       }
       else
       {
       System.out.println("else2-body");
```

```
        }
        System.out.println("if1 end");
        }
        else
        {
        System.out.println("else1-body");
        }
        System.out.println("main end");
        }
        }
        Q381
```

A. ☑

```
main begin
if1 begin
if2 body
if1 end
main end
```

B. ☑

```
main begin
else1-body
main end
```

C. ☑

```
main begin
if1 begin
else2-body
if1 end
main end
```

126.
```
class K
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if1 begin");
if(false)
System.out.println("if2 body");
else
System.out.println("else2-body");
System.out.println("if1 end");
}
else
System.out.println("else1-body");

System.out.println("main end");
```

```
        }
        }
        Q382
```

A. ☑
```
main begin
if1 begin
if2 body
if1 end
main end
```
B. ☑
```
main begin
else1-body
main end
```
C. ☑
```
main begin
if1 begin
else2-body
if1 end
main end
```

127.
```
class L
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
if(false)
System.out.println("if2 body");
else
System.out.println("else2-body");
}
else
System.out.println("else1-body");
System.out.println("main end");
}
}
Q383
```

A. ☑
```
main begin
if2 body
main end
```
B. ☑
```
main begin
```

```
else2-body
main end
```
C. ☑
```
main begin
else1-body
main end
```

128.
```
class M
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
if(false)
System.out.println("if2 body");
else
System.out.println("else2-body");
else
System.out.println("else1-body");
System.out.println("main end");
}
}
```
Q384

A. ☑
```
main begin
if2 body
main end
```
B. ☑
```
main begin
else2-body
main end
```
C. ☑
```
main begin
else1-body
main end
```

129.
```
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
if(false)
System.out.println("if2 body");
else
```

```
System.out.println("else2-body");
else
System.out.println("else1-body");
System.out.println("main end");
}
}
Q385
```

A. ☑
```
main begin
if2 body
main end
```
B. ☑
```
main begin
else1-body
main end
```
C. ☑
```
main begin
else2-body
main end
```

130.
```
class O
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
if(true)
System.out.println("if2 body");
else
System.out.println("else2-body");
else
System.out.println("else1-body");
System.out.println("main end");
}
}
Q386
```

B. ☑
```
main begin
if2-body
main end
```
C. ☑
```
main begin
else2-body
main end
```

A. ☑
```
main begin
else1 body
main end
```

131.
```
class P
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
if(false)
System.out.println("if2 body");
else
System.out.println("else2-body");
else
System.out.println("else1-body");
System.out.println("main end");
}
}
```
Q387

B. ☑
```
main begin
if2-body
main end
```
C. ☑
```
main begin
else2-body
main end
```
A. ☑
```
main begin
else1 body
main end
```

132.
```
class Q
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if1 begin");
if(false)
{
System.out.println("if2 body begin");
```

```
      if(true)
      {
System.out.println("if3 body");
      }
      else
      {
System.out.println("else3-body");
      }
System.out.println("if2 body end");
      }
      else
      {
System.out.println("else2-body");
      }
System.out.println("if1 end");
      }
      else
      {
System.out.println("else1-body");
      }
System.out.println("main end");
      }
      }
```
Q388

B. ☑
None

C. ☑
```
main begin
if2 begin
if3-body
if1 end
main end
```

A. ☑
```
main begin
if1 begin
else2 body
if1 end
main end
```

133.
```
class R
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
```

```
System.out.println("if1 begin");
if(false)
{
System.out.println("if2 body begin");
if(true)
{
System.out.println("if3 body");
}
else
System.out.println("else3-body");
System.out.println("if2 body end");
}
else
System.out.println("else2-body");
System.out.println("if1 end");
}
else
System.out.println("else1-body");

System.out.println("main end");
}
}
```
Q389

B. ☑

None

C. ☑

```
main begin
if2 begin
if3-body
if1 end
main end
```

134.
```
class S
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if1 begin");
if(false)
{
System.out.println("if2 body begin");
if(true)
System.out.println("if3 body");
else
```

```
            System.out.println("else3-body");
            System.out.println("if2 body end");
            }
            else
            System.out.println("else2-body");
            System.out.println("if1 end");
            }
            else
            System.out.println("else1-body");

            System.out.println("main end");
            }
            }
            Q390
```

A. ☑
```
Compile Time Error
```
B. ☑
```
main begin
if1 begin
else2-body
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if3-body
if1 end
main end
```

135.
```
class T
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if1 begin");
if(false)
{
if(true)
System.out.println("if3 body");
else
System.out.println("else3-body");
}
else
System.out.println("else2-body");
```

```
System.out.println("if1 end");
}
else
System.out.println("else1-body");

System.out.println("main end");
}
}
```
Q391

A. ☑
Compile Time Error

B. ☑
```
main begin
if1 begin
else2-body
if1 end
main end
```

C. ☑
```
main begin
if2 begin
if3-body
if1 end
main end
```

136.
```
class U
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if1 begin");
if(false)
if(true)
System.out.println("if3 body");
else
System.out.println("else3-body");
else
System.out.println("else2-body");
System.out.println("if1 end");
}
else
System.out.println("else1-body");

System.out.println("main end");
}
```

```
}
```
Q392

A. ☑

```
Compile Time Error
```

B. ☑

```
main begin
if2 begin
if3-body
if1 end
main end
```

C. ☑

```
main begin
if1 begin
else2-body
if1 end
main end
```

137.
```
class V
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
if(false)
if(true)
System.out.println("if3 body");
else
System.out.println("else3-body");
else
System.out.println("else2-body");
}
else
System.out.println("else1-body");

System.out.println("main end");
}
}
```
Q393

A. ☑

```
main begin
else2-body
main end
```

B. ☑

```
main begin
else3-body
else2-body
else1-end
main end
```

C. ☑

```
main begin
if1 begin
else2-body
if1 end
main end
```

138.
```
class W
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
if(false)
if(true)
System.out.println("if3 body");
else
System.out.println("else3-body");
else
System.out.println("else2-body");
else
System.out.println("else1-body");

System.out.println("main end");
}
}
Q394
```

A. ☑

```
main begin
else2-body
main end
```

B. ☑

```
main begin
else3-body
else2-body
else1-end
main end
```

C. ☑

```
main begin
if1 begin
```

```
else2-body
if1 end
main end
```

139.
```
class X
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
if(false)
if(true)
System.out.println("if3 body");
else
System.out.println("else3-body");
else
System.out.println("else2-body");
else
System.out.println("else1-body");
System.out.println("main end");
}
}
```
Q395

A. ☑
```
main begin
else2-body
main end
```
B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
else2-body
else1 end
main end
```

140.
```
class Y
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
if(true)
if(true)
System.out.println("if3 body");
else
System.out.println("else3-body");
```

```
        else
        System.out.println("else2-body");
        else
        System.out.println("else1-body");
        System.out.println("main end");
        }
        }
        Q396
```

A. ☑
```
main begin
else2-body
else1 end
main end
```
B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
else1 end
main end
```

141.
```
class Z
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
if(false)
if(false)
System.out.println("if3 body");
else
System.out.println("else3-body");
else
System.out.println("else2-body");
else
System.out.println("else1-body");
System.out.println("main end");
}
}
Q397
```

A. ☑
```
main begin
else2-body
else1 end
main end
```

B. ☑
```
Compile Time Error
```
C. ☑
```
main begin
else1 end
main end
```

142.
```java
class A
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(true)
{
System.out.println("else if body");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
```
Q452

A. ☑
```
main begin
if-body
main end
```
B. ☑
```
main begin
if-body
```

143.
```java
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
```

```
            }
            else
            {
            System.out.println("else begin");
            if(true)
            {
            System.out.println("else if body");
            }
            System.out.println("else end");
            }
            System.out.println("main end");
            }
            }
            Q453
```

A. ☑

```
main begin
else begin
else if body
else end
```

B. ☑

```
main begin
else begin
else if body
else end
main end
```

C. ☑

```
compileerror
```

144.
```
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
if(true)
{
System.out.println("else if body");
}
}
System.out.println("main end");
}
```

```
        }
        Q454
```

A. ☑
```
main begin
else if body
```

C. ☑
```
main begin
main end
```

C. ☑
```
main begin
else if body
main end
```

145.
```
class D
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else if(true)
{
System.out.println("else if body");
}
System.out.println("main end");
}
}
Q455
```

A. ☑
```
main begin
else if body
main end
```

B. ☑
```
main begin
if body
main end
```

C. ☑
```
main begin
main end
```

146.
```
class E
```

```
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if-body");
}
else if(true)
{
System.out.println("else if body");
}
System.out.println("main end");
}
}
Q456
```

A. ☑
```
main begin
elseif-body
main end
```
B. ☑
```
main begin
if-body
main end
```
C. ☑
```
main begin
main end
```
C. ☑
```
compiletimeerror
```

147.   class F
```
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else if(false)
{
System.out.println("else if body");
}
System.out.println("main end");
}
```

```
        }
        Q457
```

A. ☑

```
main begin
main end
```

B. ☑

```
 if-body
main end
```

148.
```
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(true)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
Q458
```

A. ☑

```
main begin
main end
```

C. ☑

```
main begin
if-body
```

C. ☑

```
main begin
if-body
```

main end

149.

```
class H
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(true)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
Q459
```

pg. 71

A. ☑
```
main begin
else begin
else if body
main end
```
B. ☑
```
main begin
else begin
main end
```
C. ☑
```
main begin
else if body
else end
main end
```
D. ☑
```
main begin
else begin
```

```
else if body
else end
main end
```

150.
```
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
if(true)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
}
}
System.out.println("main end");
}
}
Q460
```

A. ☑
```
main begin
main end
```

C. ☑
```
main begin
if body
main end
```

C. ☑
```
main begin
else if body
main end
```

151.
```
class J
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
```

```
{
System.out.println("if-body");
}
else
{
if(false)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
}
}
System.out.println("main end");
}
}
```
Q461

A. ☑
```
main begin
else else body
main end
```
B. ☑
```
main begin
else body
main end
```
C. ☑
```
main begin
main end
```

152.
```
class K
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else if(false)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
```

```
        }
        System.out.println("main end");
        }
        }
        Q462
```

C. ☑
```
compile error
```
A. ☑
```
runtime error
```
B. ☑
```
main begin
else else body
main end
```

153.
```
class L
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else if(true)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
}
System.out.println("main end");
}
}
Q463
```

A. ☑
```
main begin
else if body
main end
```
B. ☑
```
main begin
main end
```
C. ☑

```
main begin
if body
main end
```

154.
```java
class M
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if-body");
}
else if(true)
{
System.out.println("else if body");
}
else
{
System.out.println("else else body");
}
System.out.println("main end");
}
}
```
Q464

A. ☑
```
main begin
main end
```
B. ☑
```
main begin
elseif-body
main end
```
C. ☑
```
main begin
if-body
main end
```

155.
```java
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
if(true)
{
System.out.println("if-body");
}
```

```
        else
        {
        System.out.println("else begin");
        if(true)
        {
        System.out.println("else if body");
        }
        else
        {
        System.out.println("else else begin");
        if(true)
        {
        System.out.println("else else if body");
        }
        System.out.println("else else end");
        }
        System.out.println("else end");
        }
        System.out.println("main end");
        }
        }
        Q465
```

A. ☑
```
main begin
main end
```
B. ☑
```
main begin
if-body
main end
```

156.
```
class O
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(true)
{
System.out.println("else if body");
}
```

```
else
{
System.out.println("else else begin");
if(true)
{
System.out.println("else else if body");
}
System.out.println("else else end");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
Q466
```

B. ☑

```
main begin
else begin
else end
main end
```

B. ☑

```
main begin
else begin
else if body
main end
```

C. ☑

```
main begin
else begin
else if body
else end
main end
```

157.
```
class P
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(false)
{
```

```
System.out.println("else if body");
}
else
{
System.out.println("else else begin");
if(true)
{
System.out.println("else else if body");
}
System.out.println("else else end");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
```
Q467

A. ☑
```
main begin
else begin
else else begin
else else if body
else else end
else end
main end
```
B. ☑
```
main begin
else begin
else else begin
else else if body
else else end
main end
```
C. ☑
```
main begin
else begin
else else begin
else else if body
else end
main end
```

158.   class Q
```
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
```

```
{
System.out.println("if-body");
}
else
{
if(false)
{
System.out.println("else if body");
}
else
{
System.out.println("else else begin");
if(true)
{
System.out.println("else else if body");
}
System.out.println("else else end");
}
}
System.out.println("main end");
}
}
```
Q468

A. ☑
```
main begin
else else begin
else else if body
else else end
main end
```
B. ☑
```
main begin
else else begin
else if body
else else end
main end
```
C. ☑
```
main begin
main end
```

159.  ```
class R
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
```

```
System.out.println("if-body");
}
else if(false)
{
System.out.println("else if body");
}
else
{
System.out.println("else else begin");
if(true)
{
System.out.println("else else if body");
}
System.out.println("else else end");
}
System.out.println("main end");
}
}
```
Q469

A. ☑

```
main begin
else else begin
else else if body
main end
```

B. ☑

```
main begin
else else begin
else else if body
else else end
main end
```

160.
```
class S
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else if(false)
{
System.out.println("else if body");
}
else
{
```

```
      if(true)
      {
      System.out.println("else else if body");
      }
      }
      System.out.println("main end");
      }
      }
      Q470
```

A. ☑

```
main begin
else if body
main end
```

B. ☑

```
main begin
if body
main end
```

C. ☑

```
main begin
else else if body
main end
```

161.
```
class T
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else if(false)
{
System.out.println("else if body");
}
else if(true)
{
System.out.println("else else if body");
}
System.out.println("main end");
}
}
Q471
```

A. ☑

```
main begin
else else if body
main end
```
B. ☑
```
main begin
else if body
main end
```

162.
```
class U
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
System.out.println("if-body");
else if(false)
System.out.println("else if body");
else if(true)
System.out.println("else else if body");
System.out.println("main end");
}
}
Q472
```

A. ☑
```
main begin
else else if body
main end
```
B. ☑
```
main begin
else if body
main end
```
C. ☑
```
main begin
main end
```

163.
```
class V
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
```

```
{
System.out.println("else begin");
if(false)
{
System.out.println("else if body");
}
else
{
System.out.println("else else begin");
if(true)
{
System.out.println("else else if body");
}
else
{
System.out.println("else else else body");
}
System.out.println("else else end");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
Q473
```

A. ☑
```
main begin
else if body
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
else else if body
main end
```
D. ☑
```
main begin
else begin
else else begin
else else if body
else else end
else end
main end
```

164.
```java
class W
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(false)
{
System.out.println("else if body");
}
else
{

if(true)
{
System.out.println("else else if body");
}
else
{
System.out.println("else else else body");
}

}
System.out.println("else end");
}
System.out.println("main end");
}
}
```
Q474

A. ☑
```
main begin
else else if body
else end
main end
```
B. ☑
```
main begin
else begin
else else if body
else end
main end
```

165.
```
class X
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
{
System.out.println("if-body");
}
else
{
System.out.println("else begin");
if(false)
{
System.out.println("else if body");
}
else if(true)
{
System.out.println("else else if body");
}
else
{
System.out.println("else else else body");
}
System.out.println("else end");
}
System.out.println("main end");
}
}
Q475
```

A. ☑
```
main begin
else begin
else else if body
else end
main end
```
B. ☑
```
main begin
else begin
main end
```
C. ☑
```
main begin
main end
```

166.
```
class Y
{
```

```
                public static void main(String[] args)
                {
                System.out.println("main begin");
                if(false)
                {
                System.out.println("if-body");
                }
                else
                {

                if(false)
                {
                System.out.println("else if body");
                }
                else if(true)
                {
                System.out.println("else else if body");
                }
                else
                {
                System.out.println("else else else body");
                }

                }
                System.out.println("main end");
                }
                }
                Q476
```

A. ☑
```
main begin
if body
main end
```
B. ☑
```
main begin
else else if body
main end
```
C. ☑
```
main begin
main end
```

167.
```
class Z
{
public static void main(String[] args)
{
System.out.println("main begin");
if(false)
```

```
{
System.out.println("if-body");
}
else if(false)
{
System.out.println("else if body");
}
else if(true)
{
System.out.println("else else if body");
}
else
{
System.out.println("else else else body");
}
System.out.println("main end");
}
}
```
Q477

A. ☑
```
main begin
else if body
main end
```
B. ☑
```
main begin
else else if body
main end
```
C. ☑
```
main begin
main end
```

168.
```
class A
{
public static void main(String[] args)
{
int i;
if(true)
{
i = 10;
}
else
{
i = 20;
}
System.out.println(i);
}
```

```
}
```
Q478

A. ☑
10
B. ☑
20
C. ☑
compiletimeerror

169.
```
class B
{
public static void main(String[] args)
{
int i;
if(false)
{
i = 10;
}
else
{
i = 20;
}
System.out.println(i);
}
}
```
Q479

A. ☑
10
B. ☑
20

170.
```
class C
{
public static void main(String[] args)
{
int i = true ? 10 : 20;
System.out.println(i);
}
}
```
Q480

A. ☑
10

B. ☑
20

171.
```
class D
{
public static void main(String[] args)
{
int i = false ? 10 : 20;
System.out.println(i);
}
}
```
Q481

A. ☑
10

B. ☑
20

172.
```
class E
{
public static void main(String[] args)
{
int k = 200;
int i = k < 100 ? 10 : 20;
System.out.println(i);
}
}
```
Q482

A. ☑
100

B. ☑
10

C. ☑
20

173.
```
class F
{
public static void main(String[] args)
{
int k = 200;
int i = k > 100 ? 10 : 20;
System.out.println(i);
}
}
```

Q483

A. ☑
20

B. ☑
10

174.
```
class G
{
public static void main(String[] args)
{
int i = 200, j = 300;
int min = i > j ? j : i;
System.out.println("min b/w " + i + " and " + j + " is " +
min);
}
}
```
Q484

A. ☑
min b/w 200 and 300 is 300

B. ☑
min b/w 200 and 300 is 200

175.
```
class H
{
public static void main(String[] args)
{
int i = 200, j = 100;
int min = i > j ? j : i;
System.out.println("min b/w " + i + " and " + j + " is " +
min);
}
}
```
Q485

A. ☑
min b/w 200 and 100 is 100

B. ☑
min b/w 200 and 100 is 200

176.
```
class J
{
public static void main(String[] args)
{
```

```
        int m = 10, n = 20, o = 15;
        int min;
        if(m < n && m < o)
        {
        min = m;
        }
        else if(n < m && n < o)
        {
        min = n;
        }
        else
        {
        min = o;
        }
        System.out.println("min value among " + m + ", " + n + ", "
        + o + " is " + min);
        }
        }
        Q486
```

A. ☑

```
min value among 10, 20, 15 is 10
```

B. ☑

```
min value among 10, 20, 15 is 15
```

177.
```
class A
{
public static void main(String[] args)
{
System.out.println("byte min:" + Byte.MIN_VALUE);
System.out.println("byte max:" + Byte.MAX_VALUE);
System.out.println("short min:" + Short.MIN_VALUE);
System.out.println("short max:" + Short.MAX_VALUE);
System.out.println("char min:" + (int)Character.MIN_VALUE);
System.out.println("char max:" + (int)Character.MAX_VALUE);
System.out.println("int min:" + Integer.MIN_VALUE);
System.out.println("int max:" + Integer.MAX_VALUE);
}
}
Q487
```

A. ☑

```
byte min:-128
byte max:127
short min:-32768
short max:32767
char min:0
```

```
char max:65535
int min:-2147483648
int max:2147483647
```
B. ☑
```
byte min:-127
byte max:127
short min:-32768
short max:32767
char min:0
char max:65535
int min:-2147483648
int max:2147483647
```
C. ☑
```
byte min:-128
byte max:127
short min:-32767
short max:32767
char min:0
char max:65535
int min:-2147483648
int max:2147483647
```

178.
```
class B
{
public static void main(String[] args)
{
String s1 = "";
String s2 =
"abcgsggdhhjfdkkfkgfkkkfkkfgkfkkgfkkkgkkgkgkgkksadfaswer";
System.out.println(s1.hashCode());
System.out.println(s2.hashCode());
System.out.println("int min:" + Integer.MIN_VALUE);
System.out.println("int max:" + Integer.MAX_VALUE);
}
}
Q488
```

B. ☑
```
2
1850231563
int min:-2147483648
int max:2147483647
```
B. ☑
```
0
1850231563
int min:-2147483648
```

```
int max:2147483647
```

179.
```
class C
{
enum Test { Hello, Hi, Java, BTM };
public static void main(String[] args)
{
System.out.println(Test.Hello.ordinal());
System.out.println(Test.Hi.ordinal());
System.out.println(Test.Java.ordinal());
System.out.println(Test.BTM.ordinal());
System.out.println("int min:" + Integer.MIN_VALUE);
System.out.println("int max:" + Integer.MAX_VALUE);
}
}
```
Q489

A. ☑
```
0
2
3
int min:-2147483648
int max:2147483647
```
B. ☑
```
2
2
3
int min:-2147483648
int max:2147483647
```
C. ☑
```
1
2
3
int min:-2147483648
int max:2147483647
```
D. ☑
```
0
1
2
3
int min:-2147483648
int max:2147483647
```

180.
```
class D
{
public static void main(String[] args)
```

```
{
System.out.println("main begin");
int i = 10;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");

case 5 :
System.out.println("from case5");
System.out.println("from case5");

case 10 :
System.out.println("from case10");
System.out.println("from case10");
}
System.out.println("main end");
}
}
```
Q490

A. ☑
```
main begin
from case20
main end
```
B. ☑
```
main begin
from case10
from case10
main end
```

181.
```
class E
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 5;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");

case 5 :
System.out.println("from case5");
System.out.println("from case5");
```

```
        case 10 :
        System.out.println("from case10");
        System.out.println("from case10");
        }
        System.out.println("main end");
        }
        }
        Q491
```

A. ☑

```
from case5
from case5
from case10
from case10
main end
```

B. ☑

```
from case5
from case5
main end
```

C. ☑

```
from case5
from case5
from case10
main end
```

182.
```
class F
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");

case 5 :
System.out.println("from case5");
System.out.println("from case5");

case 10 :
System.out.println("from case10");
System.out.println("from case10");
}
System.out.println("main end");
```

```
    }
}
Q492                                                                          pg. 96
```

A. ☑
```
main begin
from case1
from case1
from case5
from case5
main end
```
B. ☑
```
main begin
from case1
from case1
from case5
from case5
from case10
from case10
main end
```
C. ☑
```
main begin
from case5
from case5
from case10
from case10
main end
```

183.
```java
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");

case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;

case 10 :
System.out.println("from case10");
```

```
System.out.println("from case10");
}
System.out.println("main end");
}
}
Q493
```

A. ☑

```
main begin
from case1
from case1
main end
```

B. ☑

```
main begin
from case1
from case1
main end
```

C. ☑

```
main begin
from case1
from case1
from case5
from case5
main end
```

184.
```
class H
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");
break;

case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;

case 10 :
System.out.println("from case10");
System.out.println("from case10");
}
```

```
System.out.println("main end");
}
}
```
Q494

A. ☑
```
main begin
from case1
from case1
main end
```
B. ☑
```
main begin
from case1
main end
```
C. ☑
```
main begin
main end
```

185.
```
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 20;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");
break;

case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;

case 10 :
System.out.println("from case10");
System.out.println("from case10");
}
System.out.println("main end");
}
}
```
Q495

A. ☑

main begin

B. ☑
main begin
main end

C. ☑
compiletimeerror

```
186.  class J
      {
      public static void main(String[] args)
      {
      System.out.println("main begin");
      int i = 20;
      switch ( i )
      {
      case 1 :
      System.out.println("from case1");
      System.out.println("from case1");
      break;

      case 5 :
      System.out.println("from case5");
      System.out.println("from case5");
      break;

      case 10 :
      System.out.println("from case10");
      System.out.println("from case10");

      default:
      System.out.println("from default");
      System.out.println("from default");
      System.out.println("from default");
      }
      System.out.println("main end");
      }
      }
      Q496
```

A. ☑
main begin
from default
from default
from default
main end

B. ☑

```
main begin
from default
main end
```

187.
```java
class K
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 20;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");
break;

case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;

default:
System.out.println("from default");
System.out.println("from default");
System.out.println("from default");

case 10 :
System.out.println("from case10");
System.out.println("from case10");


}
System.out.println("main end");
}
}
```
Q497

A. ☑
```
main begin
from default
from default
from default
main end
```
B. ☑
```
compiletime error
```
C. ☑

```
main begin
from default
from default
from default
from case10
from case10
main end
```

188.
```java
class L
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 20;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");
break;

case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;

default:
System.out.println("from default");
System.out.println("from default");
System.out.println("from default");
break;

case 10 :
System.out.println("from case10");
System.out.println("from case10");


}
System.out.println("main end");
}
}
Q498
```

A. ☑
```
main begin
main end
```
B. ☑

```
main begin
from default
from default
from default
main end
```

C. ☑

```
compiletimeerror
```

189.
```
class M
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 20;
switch ( i )
{
case 1 :
System.out.println("from case1");
System.out.println("from case1");
break;
case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;
default:
System.out.println("from default");
System.out.println("from default");
System.out.println("from default");
break;
case 10 :
System.out.println("from case10");
System.out.println("from case10");
default:
System.out.println("abcxyz");
}
System.out.println("main end");
}
}
Q499
```

A. ☑

```
main begin
from default
from default
from default
main end
```

B. ☑

COMPILE TIME ERROR

C. ☑
main begin
main end

190.
```java
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 20;
switch ( i )
{
case 5 :
int x = 100;
System.out.println("from case1");
System.out.println("from case1");
System.out.println("from case1");
System.out.println("from case1");
break;
case 5 :
System.out.println("from case5");
System.out.println("from case5");
break;
}
System.out.println("main end");
}
}
Q500
```

A. ☑
COMPILE TIME ERROR

B. ☑
main begin
from default
from default
from case5
main end

C. ☑
main begin
from default
from default
from case5
main end

---

191.   class O

```
    {
    public static void main(String[] args)
    {
    System.out.println("main begin");
    switch ( 5 )
    {
    case 1 :
    System.out.println("from case1");
    System.out.println("from case1");
    System.out.println("from case1");
    System.out.println("from case1");
    break;
    case 5 :
    System.out.println("from case5");
    System.out.println("from case5");
    break;
    }
    System.out.println("main end");
    }
    }
    Q501
```

A. ☑
```
main begin
main end
```
B. ☑
```
main begin
from case5
from case5
main end
```
C. ☑
```
Compiletimeerror
```

192.
```
class R
{
public static void main(String[] args)
{
System.out.println("main begin");
byte i = 100;
switch ( i )
{
case 10 :
System.out.println("from case10");
break;
case 50 :
System.out.println("from case50");
break;
```

```
case 70 :
System.out.println("from case70");
break;
case 100 :
System.out.println("from case100");
break;
}
System.out.println("main end");
}
}
Q502
```

A. ☑
```
main begin
main end
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
from case100
main end
```

193.
```
class S
{
public static void main(String[] args)
{
System.out.println("main begin");
byte i = 100;
switch ( i )
{
case 10 :
System.out.println("from case10");
break;
case 50 :
System.out.println("from case50");
break;
case 170 :
System.out.println("from case170");
break;
case 100 :
System.out.println("from case100");
break;
}
System.out.println("main end");
}
}
Q503
```

A. ☑
```
COMPILE TIME ERROR
```
B. ☑
```
from case 100
```
C. ☑
```
run time error
```

194.
```
class T
{
public static void main(String[] args)
{
System.out.println("main begin");
short i = 100;
switch ( i )
{
case 10 :
System.out.println("from case10");
break;
case 50 :
System.out.println("from case50");
break;
case 170 :
System.out.println("from case170");
break;
case 100 :
System.out.println("from case100");
break;
}
System.out.println("main end");
}
}
Q504
```

A. ☑
```
main begin
from case100
main end
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
main end
```

195.
```
class U
{
```

```
    public static void main(String[] args)
    {
    System.out.println("main begin");
    short i = 100;
    switch ( i )
    {
    case 10 :
    System.out.println("from case10");
    break;
    case 50 :
    System.out.println("from case50");
    break;
    case 170 :
    System.out.println("from case170");
    break;
    case 40000 :
    System.out.println("from case40000");
    break;
    }
    System.out.println("main end");
    }
    }
```
Q505

A. ☑
```
from case5
from case5
from case10
from case10
main end
```
B. ☑
```
COMPILE time error
```

196.   class V
       {
       public static void main(String[] args)
       {
       System.out.println("main begin");
       char c1 = 'a';
       switch (c1)
       {
       case 'a' :
       System.out.println("from case a");
       break;
       case 't' :
       System.out.println("from case t");
       break;
```

```
case 'b' :
System.out.println("from case b");
break;
}
System.out.println("main end");
}
}
```
Q506

A. ☑
```
COMPILE TIME ERROR
```
B. ☑
```
main begin
from case a
main end
```
C. ☑
```
run time error
```

197.
```
class W
{
public static void main(String[] args)
{
System.out.println("main begin");
String s1 = "hello";
switch (s1)
{
case "test" :
System.out.println("from case test");
break;
case "hello" :
System.out.println("from case hello");
break;
case "abc" :
System.out.println("from case abc");
break;
}
System.out.println("main end");
}
}
```
Q507

A. ☑
```
COMPILE TIME ERROR
```
B. ☑
```
run time error
```

C. ☑
```
main begin
from case hello
main end
```

---

**198.**
```
class X
{
enum En {C1, C2, C3, C4};
public static void main(String[] args)
{
System.out.println("main begin");
En e1 = En.C3;
switch (e1)
{
case C1 :
System.out.println("from case C1");
break;
case C2 :
System.out.println("from case C2");
break;
case C3 :
System.out.println("from case C3");
break;
case C4 :
System.out.println("from case C3");
break;
}
System.out.println("main end");
}
}
```
Q508

A. ☑
```
run time error
```
B. ☑
```
main begin
from case C3
main end
```

---

**199.**
```
class Y
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
int j = 10;
switch (i)
```

```
{
case 5 :
System.out.println("from case 5");
break;
case j :
System.out.println("from case 10");
break;
}
System.out.println("main end");
}
}
Q509
```

A. ☑
```
COMPILE TIME ERROR
```
B. ☑
```
from case 5
```

200.
```
class Z
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
final int j = 10;
switch ( i )
{
case 5 :
System.out.println("from case 5");
break;
case j :
System.out.println("from case 10");
break;
}
System.out.println("main end");
}
}
Q510
```

A. ☑
```
run time error
```
B. ☑
```
main begin
from case 10
main end
```
C. ☑

```
Compiletimeerror
```

201.
```
class Z1
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
final int j;
j = 10;
switch ( i )
{
case 5 :
System.out.println("from case 5");
break;
case j :
System.out.println("from case 10");
break;
}
System.out.println("main end");
}
}
```
Q511

A. ☑
```
main begin
```
B. ☑
```
COMPILE time error
```
C. ☑
```
from case 5
```

202.
```
class A
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 5; i++)
{
System.out.println("loop body:" + i);
}
System.out.println("main end");
}
}
```
Q512

A. ☑

```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
main end
```
B. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end
```
C. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
```

203.
```
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 10; i <= 5; i++)
{
System.out.println("loop body:" + i);
}
System.out.println("main end");
}
}
Q513
```

A. ☑
```
main begin
main end
```
B. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
```

```
main end
main end
```
C. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
```

204.
```
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 5; i++)
{
System.out.println("loop body:" + i);
System.out.println("loop body:" + i);
int j = 20;
j++;
j += 20;
System.out.println("--------------:" + j);
}
System.out.println("main end");
}
}
Q514
```

A. ☑
```
main begin
```
B. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end
main end
```
C. ☑
```
main begin
loop body:1
loop body:1
--------------:41
loop body:2
```

```
loop body:2
--------------:41
loop body:3
loop body:3
--------------:41
loop body:4
loop body:4
--------------:41
loop body:5
loop body:5
--------------:41
main end
```

205.
```
class D
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 5; i++)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:" + i);
}
}
```
Q515

A. ☑
runtime error
B. ☑
compile time error

206.
```
class E
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i = i + 2)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q516

A. ☑

```
compile time error
```
B. ☑
```
main begin
loop body:1
loop body:3
loop body:5
loop body:7
loop body:9
main end:
```

207.
```
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 10; i >= 1; i--)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q517

A. ☑
```
run time error
```
B. ☑
```
main begin
loop body:1
loop body:3
loop body:5
loop body:7
loop body:9
main end:
```
C. ☑
```
main begin
loop body:10
loop body:9
loop body:8
loop body:7
loop body:6
loop body:5
loop body:4
loop body:3
loop body:2
loop body:1
```

main end:

208.
```java
class H
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 10; i >= 1; i = i - 3)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q518

A. ☑
compile time error

B. ☑
main begin
loop body:10
loop body:7
loop body:4
loop body:1
main end:

C. ☑
main begin
loop body:10
loop body:7
loop body:4

209.
```java
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 10; i >= 1; i -= 3)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q519

A. ☑

```
main begin
loop body:10
loop body:7
loop body:4
loop body:1
main end:
```

B. ☑

```
main begin
loop body:10
loop body:7
loop body:1
main end:
```

C. ☑

```
main begin
main end:
```

210.
```
class J
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 50; i = i * 5)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q520

A. ☑

```
main begin
loop body:1
loop body:5
loop body:25
main end:
```

B. ☑

```
main begin
loop body:1
loop body:5
main end:
```

C. ☑

```
main begin
loop body:25
main end:
```

211.
```
class K
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 500; i *= 3)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q521

A. ☑
```
main begin
loop body:1
loop body:3
loop body:9
loop body:27
loop body:81
loop body:243
main end:
```
B. ☑
```
main begin
loop body:1
loop body:3
loop body:9
loop body:27
loop body:81
main end:
```
C. ☑
```
main begin
loop body:1
loop body:3
loop body:9
loop body:27
main end:
```

212.
```
class L
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 5000; i > 0; i = i / 10)
{
System.out.println("loop body:" + i);
```

```
}
System.out.println("main end:");
}
}
```
Q522

A. ☑

```
main begin
main end:
```

B. ☑

```
main begin
loop body:5000
loop body:500
loop body:50
loop body:5
main end:
```

C. ☑

```
compiletime error
```

213.
```
class M
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 5000; i > 0; i /= 10)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:");
}
}
```
Q523

A. ☑

```
main begin
loop body:5000
loop body:500
loop body:50
loop body:5
main end:
```

B. ☑

```
main begin
loop body:5000
loop body:500
loop body:50
main end:
```

C. ☑
```
main begin
main end:
```
D. ☑
```
compile time error
```

214.
```
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
int i;
for(i = 1; i <= 5; i++)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:" + i);
}
}
Q524
```

A. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end:6
```
B. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
main end:6
```
C. ☑
```
compiletime error
```

215.
```
class O
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
for(i = 1; i <= 5; i++)
```

```
{
System.out.println("loop body:" + i);
}
System.out.println("main end:" + i);
}
}
```
Q525

A. ☑
```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end:6
```
B. ☑
```
compile time error
```
A. ☑
```
main begin
main end:6
```

216.
```
class P
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
for( ; i <= 5; i++)
{
System.out.println("loop body:" + i);
}
System.out.println("main end:" + i);
}
}
```
Q526

A. ☑
```
run time error
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
main end:10
```

217.
```
class R
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
for( ; i <= 5; )
{
System.out.println("loop body:" + i ++);
}
System.out.println("main end:" + i);
}
}
```
Q528

A. ☑
run time error

B. ☑
compile time error

C. ☑
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end:6

218.
```
class S
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
for( ; i <= 5; )
{
System.out.println("loop body:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q529

A. ☑
main begin

```
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end:6
```

B. ☑

```
main begin
main end:6
```

C. ☑

```
compiletime error
```

219.
```
class T
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
for( ; ; )
{
System.out.println("loop body:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
Q530
```

A. ☑

```
main begin
loop body:1
loop body:2
loop body:3
loop body:4
loop body:5
main end:6
```

B. ☑

```
run time error
```

C. ☑

```
compiletime error
```

220.
```
class U
{
public static void main(String[] args)
{
System.out.println("main begin");
```

```
        int i = 1;
        for( ; ; )
        {
        System.out.println("loop body:" + i);
        i++;
        }
        }
        }
        Q531
```

A. ☑

compile time error

B. ☑

infinite loop

C. ☑

mainbegin

D. ☑

run time error

221.   class V
```
        {
        public static void main(String[] args)
        {
        System.out.println("main begin");
        for(int i = 1, j = 20 ; i <= 10; i++, j += 3)
        {
        System.out.println("loop body:" + i + ", " + j);
        }
        }
        }
        Q532
```

A. ☑

infinite loop

B. ☑

main begin
loop body:1, 20
loop body:2, 23
loop body:3, 26
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:7, 38
loop body:8, 41
loop body:9, 44

```
loop body:10, 47
```
C. ☑
```
main begin
loop body:1, 20
loop body:2, 23
loop body:3, 26
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:7, 38
loop body:8, 41
loop body:10, 47
```
D. ☑
```
compile time error
```

222.
```
class W
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1, j = 20 ; j <= 60; i++, j += 3)
{
System.out.println("loop body:" + i + ", " + j);
}
}
}
```
Q533

A. ☑
```
main begin
loop body:1, 20
loop body:2, 23
loop body:3, 26
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:7, 38
loop body:8, 41
loop body:9, 44
loop body:10, 47
loop body:11, 50
loop body:12, 53
loop body:13, 56
loop body:14, 59
```
B. ☑
```
main begin
```

```
loop body:1, 20
loop body:2, 23
loop body:3, 26
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:8, 41
loop body:9, 44
loop body:10, 47
loop body:11, 50
loop body:12, 53
loop body:13, 56
loop body:14, 59
```

C. ☑

```
infinite loop
```

D. ☑

```
compile time error
```

223.
```
class X
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1, j = 20 ; i <= 20 || j <= 60; i++, j += 3)
{
System.out.println("loop body:" + i + ", " + j);
}
}
}
```
Q534

A. ☑

```
main begin
loop body:1, 20
loop body:2, 23
loop body:3, 26
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:7, 38
loop body:8, 41
loop body:9, 44
loop body:10, 47
loop body:11, 50
loop body:12, 53
loop body:13, 56
loop body:14, 59
```

```
loop body:15, 62
loop body:16, 65
loop body:17, 68
loop body:18, 71
loop body:19, 74
loop body:20, 77
```
B. ☑
```
main begin
loop body:1, 20
loop body:2, 23
loop body:3, 26
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:7, 38
loop body:8, 41
loop body:9, 44
loop body:10, 47
loop body:11, 50
loop body:12, 53
loop body:13, 56
```
C. ☑
```
compiletime error
```

224.
```java
class Y
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1, j = 20 ; i <= 20 && j <= 60; i++, j += 3)
{
System.out.println("loop body:" + i + ", " + j);
}
}
}
```
Q535

A. ☑
```
infinite loop
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
loop body:1, 20
loop body:2, 23
loop body:3, 26
```

```
loop body:4, 29
loop body:5, 32
loop body:6, 35
loop body:7, 38
loop body:8, 41
loop body:9, 44
loop body:10, 47
loop body:11, 50
loop body:12, 53
loop body:13, 56
loop body:14, 59
```

225.
```
class Z
{
public static void main(String[] args)
{
System.out.println("main begin");
int i;
for(i = 1, System.out.println("init");
test(i);
System.out.println("before change:" + i), i++,
System.out.println("after change:" + i))
{
System.out.println("loop body:" + i);
}
System.out.println("main end");
}
static boolean test(int i)
{
boolean flag = (i <= 5);
System.out.println("boolean status for " + i + " is " +
flag);
return flag;
}
}
Q536
```

A. ☑
run time error
B. ☑
compile time error
C. ☑
main begin
init
boolean status for 1 is true
loop body:1
before change:1

```
after change:2
boolean status for 2 is true
loop body:2
before change:2
after change:3
boolean status for 3 is true
loop body:3
before change:3
after change:4
boolean status for 4 is true
loop body:4
before change:4
after change:5
boolean status for 5 is true
loop body:5
before change:5
after change:6
boolean status for 6 is false
main end
```

D. ☑

```
main begin
init
boolean status for 1 is true
loop body:1
before change:1
after change:2
boolean status for 2 is true
loop body:2
before change:2
after change:3
boolean status for 3 is true
loop body:3
before change:3
after change:4
boolean status for 4 is true
loop body:4
before change:4
after change:5
boolean status for 5 is true
loop body:5
before change:5
after change:6
boolean status for 6 is true
main end
```

226.
```
class Z1
{
public static void main(String[] args)
```

```
{
System.out.println("main begin");
//int m = 1, n = 10, o, p = 30, q, r = 40;
for(int i = 1, System.out.println("init");
test(i);
System.out.println("before change:" + i), i++,
System.out.println("after change:" + i))
{
System.out.println("loop body:" + i);
}
System.out.println("main end");
}
static boolean test(int i)
{
boolean flag = (i <= 5);
System.out.println("boolean status for " + i + " is " +
flag);
return flag;
}
}
```
Q537

A. ☑
compile time error

B. ☑
run time error

```
227.    class Z2
        {
        public static void main(String[] args)
        {
        System.out.println("main begin");
        for(int i = 0; i <= 5; i++)
        System.out.println("loop body:" + i);
        System.out.println("loop body:" + i);
        System.out.println("main end");
        }
        }
```
Q538

A. ☑
run time error

B. ☑
compile time error

C. ☑
0

D. ☑
5

228.
```
class Z3
{
public static void main(String[] args)
{
System.out.println("main begin");
int i;
for(i = 0; i <= 5; i++)
System.out.println("loop body stmt1:" + i);
System.out.println("loop body stmt2:" + i);
System.out.println("main end");
}
}
Q539
```

A. ☑
```
main begin
loop body stmt1:0
loop body stmt1:1
loop body stmt1:2
loop body stmt1:3
loop body stmt1:4
loop body stmt1:5
loop body stmt2:6
main end
```
B. ☑
```
compile time error
```
C. ☑
```
run time error
```
D. ☑
```
mainbegin
loop body stmt1:0
loop body stmt1:1
loop body stmt1:2
loop body stmt1:3
loop body stmt1:4
loop body stmt1:5
main end
```

229.
```
class Z4
{
public static void main(String[] args)
{
System.out.println("main begin");
```

```
        int i;
        for(i = 0; i <= 5; i++);
        System.out.println("loop body stmt1:" + i);
        System.out.println("loop body stmt2:" + i);
        System.out.println("main end");
        }
        }
        Q540
```

A. ☑
compile time error

B. ☑
run time error

C. ☑
main begin
main end

D. ☑
mainbegin
loop body stmt1:6
loop body stmt2:6
main end

230.   ```
class Z5
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 0; i <= 5; i++);
System.out.println("loop body stmt1:" + i);
System.out.println("main end");
}
}
Q541
```

A. ☑
runtime error

B. ☑
compile time error

231.   ```
class Z6
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 0; i <= 5; i++);
```

```
{
System.out.println("loop body stmt1:" + i);
}
System.out.println("main end");
}
}
Q542
```

A. ☑

compile time error

B. ☑

main begin

C. ☑

run time error

232. class A
```
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 0)
{
System.out.println("if:" + i++);
}
else
{
System.out.println("else:" + i++);
i++;
}
System.out.println("main end:" + i);
}
}
Q543
```

A. ☑

main begin
if:1
main end:2

B. ☑

main begin
if:2
main end:2

C. ☑

main begin

```
   main end:2
```

233.
```
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 1)
{
System.out.println("if:" + i++);
}
else
{
System.out.println("else:" + i++);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q544

A. ☑
```
main begin
else:2
main end:3
```
B. ☑
```
main begin
main end:3
```
C. ☑
```
main begin
else:1
main end:3
```

234.
```
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 0 || i++ == 1)
{
System.out.println("if:" + i++);
}
else
{
System.out.println("else:" + i++);
```

```
        i++;
        }
        System.out.println("main end:" + i);
        }
        }
        Q545
```

A. ☑
```
main begin
if:2
main end:2
```
B. ☑
```
main begin
if:1
main end:2
```
C. ☑
```
compile time error
```

235.
```
class D
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 1 || i++ == 1)
{
System.out.println("if:" + i++);
}
else
{
System.out.println("else:" + i++);
i++;
}
System.out.println("main end:" + i);
}
}
Q546
```

A. ☑
```
main begin
if:3
main end:3
```
B. ☑
```
main begin
main end:3
```

C. ☑
main begin
if:2
main end:3

236.
```
class E
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 1 || i++ == 2)
{
System.out.println("if:" + i++);
}
else
{
System.out.println("else:" + i++);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q547

A. ☑
main begin
else:2
main end:4

B. ☑
main begin
else:4
main end:4

C. ☑
main begin
main end:4

237.
```
class F
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 1 && i++ == 2)
{
System.out.println("if:" + i++);
```

```
        }
        else
        {
        System.out.println("else:" + i++);
        i++;
        }
        System.out.println("main end:" + i);
        }
        }
        Q548
```

A. ☑
```
else:1
main end:3
```
B. ☑
```
main begin
else:1
main end:3
```
C. ☑
```
compile time error
```

238.    ```
        class G
        {
        public static void main(String[] args)
        {
        System.out.println("main begin");
        int i = 0;
        if(i++ == 0 && i++ == 2)
        {
        System.out.println("if:" + i++);
        }
        else
        {
        System.out.println("else:" + i++);
        i++;
        }
        System.out.println("main end:" + i);
        }
        }
        Q549
```

A. ☑
```
main begin
else:2
main end:4
```
B. ☑

compile time error
C. ☑
main begin
main end:4

239.
```
class H
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 0 && i++ == 1)
{
System.out.println("if:" + i++);
}
else
{
System.out.println("else:" + i++);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q550

A. ☑
compile time error
B. ☑
main begin
if:2
main end:3
C. ☑
main begin
if:3
main end:3
D. ☑
run time error

240.
```
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 0;
if(i++ == 0 && i++ == 0)
{
```

```
                    System.out.println("if:" + i++);
                    }
                    else if(i++ == 2)
                    {
                    System.out.println("else:" + i++);
                    i++;
                    }
                    System.out.println("main end:" + i);
                    }
                    }
                    Q551
```

A. ☑
```
main begin
else:3
main end:5
```
B. ☑
```
main begin
else:3
main end:3
```
C. ☑
```
compile time error
```

241.
```
class A
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
}
System.out.println("main end");
}
}
Q552
```

A. ☑
```
compile time error
```
B. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
```

```
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
loop begin:10
loop end:10
main end
```

C. ☑

```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
main end
```

242.
```
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
if(i == 7)
```

```
    {
    continue;
    }
    System.out.println("loop end:" + i);
    }
    System.out.println("main end");
    }
    }
    Q553
```

A. ☑
```
run time error
```
B. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop begin:8
loop end:8
loop begin:9
loop end:9
loop begin:10
loop end:10
main end
```
C. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
loop begin:6
```

```
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
main end
```
D. ☑

```
compile time error
```

243.
```
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
if(i <= 4)
{
continue;
}
System.out.println("loop end:" + i);
}
System.out.println("main end");
}
}
Q554
```

A. ☑
```
main begin
loop begin:1
loop begin:2
loop begin:3
loop begin:4
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
loop begin:10
```

```
loop end:10
main end
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
main end
```

244.
```
class D
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
if(i <= 4)
{
continue;
System.out.println("if end");
}
System.out.println("loop end:" + i);
}
System.out.println("main end");
}
}
Q555
```

A. ☑

```
run time error
```
B. ☑
```
main begin
loop begin:1
loop begin:2
loop begin:3
loop begin:4
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
loop begin:10
loop end:10
main end
```
C. ☑
```
compile time error
```

245.
```
class E
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
if(i <= 4)
{
System.out.println("if begin");
continue;
}
System.out.println("loop end:" + i);
}
System.out.println("main end");
}
}
Q556
```

A. ☑
```
main begin
loop begin:1
if begin
```

```
loop begin:2
if begin
loop begin:3
if begin
loop begin:4
if begin
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
loop begin:10
loop end:10
main end
```
B. ☑
```
main begin
loop begin:1
if begin
loop begin:2
if begin
loop begin:3
if begin
loop begin:4
if begin
loop begin:5
loop end:5
loop begin:6
loop end:6
loop begin:7
loop end:7
loop begin:8
loop end:8
loop begin:9
loop end:9
main end
```
C. ☑
```
compile time error
```
D. ☑
```
run time error
```

246.   class F
           {

```
            public static void main(String[] args)
            {
            System.out.println("main begin");
            for(int i = 1; i <= 10; i++)
            {
            System.out.println("loop begin:" + i);
            if(i == 4)
            {
            System.out.println("if begin");
            break;
            }
            System.out.println("loop end:" + i);
            }
            System.out.println("main end");
            }
            }
            Q557
```

A. ☑
compile time error

B. ☑
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
if begin
main end

C. ☑
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
main end

247.   class G
        {
        public static void main(String[] args)
        {
        System.out.println("main begin");
```
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
```

```
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
if(i == 4)
{
System.out.println("if begin");
break;
i++;
}
System.out.println("loop end:" + i);
}
System.out.println("main end");
}
}
Q558
```

A. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
if begin
main end
```
B. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
main end
```
C. ☑
```
compile time error
```
D. ☑
```
run time error
```

248.
```
class H
{
public static void main(String[] args)
{
```

```
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("loop begin:" + i);
if(i == 4)
{
System.out.println("if begin");
break;continue;
}
System.out.println("loop end:" + i);
}
System.out.println("main end");
}
}
Q559
```

A. ☑
compile time error

B. ☑
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
if begin
main end

C. ☑
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
main end

249.
```
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
```

```
    for(int j = 101; j <= 105; j++)
    {
    System.out.println("inner loop begin:" + i + "," + j);
    }
    System.out.println("outer loop end:" + i);
    }
    System.out.println("main end");
    }
    }
    Q560
```

A. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop begin:1,102
inner loop begin:1,103
inner loop begin:1,104
inner loop begin:1,105
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop begin:2,102
inner loop begin:2,103
inner loop begin:2,104
inner loop begin:2,105
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop begin:3,102
inner loop begin:3,103
inner loop begin:3,104
inner loop begin:3,105
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop begin:4,102
inner loop begin:4,103
inner loop begin:4,104
inner loop begin:4,105
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop begin:5,102
inner loop begin:5,103
inner loop begin:5,104
inner loop begin:5,105
outer loop end:5
```

```
outer loop begin:6
inner loop begin:6,101
inner loop begin:6,102
inner loop begin:6,103
inner loop begin:6,104
inner loop begin:6,105
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop begin:7,102
inner loop begin:7,103
inner loop begin:7,104
inner loop begin:7,105
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop begin:8,102
inner loop begin:8,103
inner loop begin:8,104
inner loop begin:8,105
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop begin:9,102
inner loop begin:9,103
inner loop begin:9,104
inner loop begin:9,105
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop begin:10,102
inner loop begin:10,103
inner loop begin:10,104
inner loop begin:10,105
outer loop end:10
main end
```
B. ☑
```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop begin:1,102
inner loop begin:1,103
inner loop begin:1,104
inner loop begin:1,105
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop begin:2,102
```

```
inner loop begin:2,103
inner loop begin:2,104
inner loop begin:2,105
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop begin:3,102
inner loop begin:3,103
inner loop begin:3,104
inner loop begin:3,105
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop begin:4,102
inner loop begin:4,103
inner loop begin:4,104
inner loop begin:4,105
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop begin:5,102
inner loop begin:5,103
inner loop begin:5,104
inner loop begin:5,105
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop begin:6,102
inner loop begin:6,103
inner loop begin:6,104
inner loop begin:6,105
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop begin:7,102
inner loop begin:7,103
inner loop begin:7,104
inner loop begin:7,105
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop begin:8,102
inner loop begin:8,103
inner loop begin:8,104
inner loop begin:8,105
outer loop end:8
outer loop begin:9
inner loop begin:9,101
```

```
inner loop begin:9,102
inner loop begin:9,103
inner loop begin:9,104
inner loop begin:9,105
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop begin:10,102
inner loop begin:10,103
inner loop begin:10,104
outer loop end:10
main end
```

C. ☑

```
compile time error
```

250.
```
class J
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
for(int j = 101; j <= 105; j++)
{
System.out.println("inner loop begin:" + i + "," + j);
System.out.println("inner loop end:" + i + "," + j);
}
System.out.println("outer loop end:" + i);
}
System.out.println("main end");
}
}
Q561
```

A. ☑

```
compile time error
```

B. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
inner loop end:1,103
inner loop begin:1,104
```

```
inner loop end:1,104
inner loop begin:1,105
inner loop end:1,105
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
inner loop end:2,103
inner loop begin:2,104
inner loop end:2,104
inner loop begin:2,105
inner loop end:2,105
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
inner loop end:3,103
inner loop begin:3,104
inner loop end:3,104
inner loop begin:3,105
inner loop end:3,105
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
inner loop end:4,103
inner loop begin:4,104
inner loop end:4,104
inner loop begin:4,105
inner loop end:4,105
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
inner loop end:5,103
inner loop begin:5,104
```

```
inner loop end:5,104
inner loop begin:5,105
inner loop end:5,105
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
inner loop end:6,103
inner loop begin:6,104
inner loop end:6,104
inner loop begin:6,105
inner loop end:6,105
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
inner loop end:7,103
inner loop begin:7,104
inner loop end:7,104
inner loop begin:7,105
inner loop end:7,105
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
inner loop end:8,103
inner loop begin:8,104
inner loop end:8,104
inner loop begin:8,105
inner loop end:8,105
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
inner loop end:9,103
inner loop begin:9,104
```

```
inner loop end:9,104
inner loop begin:9,105
inner loop end:9,105
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
inner loop end:10,103
inner loop begin:10,104
inner loop end:10,104
inner loop begin:10,105
inner loop end:10,105
outer loop end:10
main end
```

C. ☑

```
run time error
```

D. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
inner loop end:1,103
inner loop begin:1,104
inner loop end:1,104
inner loop begin:1,105
inner loop end:1,105
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
inner loop end:2,103
inner loop begin:2,104
inner loop end:2,104
inner loop begin:2,105
inner loop end:2,105
outer loop end:2
outer loop begin:3
inner loop begin:3,101
```

```
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
inner loop end:3,103
inner loop begin:3,104
inner loop end:3,104
inner loop begin:3,105
inner loop end:3,105
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
inner loop end:4,103
inner loop begin:4,104
inner loop end:4,104
inner loop begin:4,105
inner loop end:4,105
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
inner loop end:5,103
inner loop begin:5,104
inner loop end:5,104
inner loop begin:5,105
inner loop end:5,105
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
inner loop end:6,103
inner loop begin:6,104
inner loop end:6,104
inner loop begin:6,105
inner loop end:6,105
outer loop end:6
outer loop begin:7
inner loop begin:7,101
```

```
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
inner loop end:7,103
inner loop begin:7,104
inner loop end:7,104
inner loop begin:7,105
inner loop end:7,105
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
inner loop end:8,103
inner loop begin:8,104
inner loop end:8,104
inner loop begin:8,105
inner loop end:8,105
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
inner loop end:9,103
inner loop begin:9,104
inner loop end:9,104
inner loop begin:9,105
inner loop end:9,105
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
inner loop end:10,103
inner loop begin:10,104
inner loop end:10,104
main end"
```

251.
```
class K
{
public static void main(String[] args)
```

```
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
for(int j = 101; j <= 105; j++)
{
System.out.println("inner loop begin:" + i + "," + j);
if(j == 103)
{
continue;
}
System.out.println("inner loop end:" + i + "," + j);
}
System.out.println("outer loop end:" + i);
}
System.out.println("main end");
}
}
```
Q562

A. ☑
```
infinite loop
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
inner loop begin:1,104
inner loop end:1,104
inner loop begin:1,105
inner loop end:1,105
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
inner loop begin:2,104
inner loop end:2,104
inner loop begin:2,105
```

```
inner loop end:2,105
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
inner loop begin:3,104
inner loop end:3,104
inner loop begin:3,105
inner loop end:3,105
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
inner loop begin:4,104
inner loop end:4,104
inner loop begin:4,105
inner loop end:4,105
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
inner loop begin:5,104
inner loop end:5,104
inner loop begin:5,105
inner loop end:5,105
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
inner loop begin:6,104
inner loop end:6,104
inner loop begin:6,105
inner loop end:6,105
outer loop end:6
outer loop begin:7
inner loop begin:7,101
```

```
    inner loop end:7,101
    inner loop begin:7,102
    inner loop end:7,102
    inner loop begin:7,103
    inner loop begin:7,104
    inner loop end:7,104
    inner loop begin:7,105
    inner loop end:7,105
    outer loop end:7
    outer loop begin:8
    inner loop begin:8,101
    inner loop end:8,101
    inner loop begin:8,102
    inner loop end:8,102
    inner loop begin:8,103
    inner loop begin:8,104
    inner loop end:8,104
    inner loop begin:8,105
    inner loop end:8,105
    outer loop end:8
    outer loop begin:9
    inner loop begin:9,101
    inner loop end:9,101
    inner loop begin:9,102
    inner loop end:9,102
    inner loop begin:9,103
    inner loop begin:9,104
    inner loop end:9,104
    inner loop begin:9,105
    inner loop end:9,105
    outer loop end:9
    outer loop begin:10
    inner loop begin:10,101
    inner loop end:10,101
    inner loop begin:10,102
    inner loop end:10,102
    inner loop begin:10,103
    inner loop begin:10,104
    inner loop end:10,104
    inner loop begin:10,105
    inner loop end:10,105
    outer loop end:10
    main end
```

D. ☑

```
    main begin
    outer loop begin:1
    inner loop begin:1,101
    inner loop end:1,101
```

```
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
inner loop end:1,103
inner loop begin:1,104
inner loop end:1,104
inner loop begin:1,105
inner loop end:1,105
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
inner loop end:2,103
inner loop begin:2,104
inner loop end:2,104
inner loop begin:2,105
inner loop end:2,105
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
inner loop end:3,103
inner loop begin:3,104
inner loop end:3,104
inner loop begin:3,105
inner loop end:3,105
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
inner loop end:4,103
inner loop begin:4,104
inner loop end:4,104
inner loop begin:4,105
inner loop end:4,105
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
```

```
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
inner loop end:5,103
inner loop begin:5,104
inner loop end:5,104
inner loop begin:5,105
inner loop end:5,105
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
inner loop end:6,103
inner loop begin:6,104
inner loop end:6,104
inner loop begin:6,105
inner loop end:6,105
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
inner loop end:7,103
inner loop begin:7,104
inner loop end:7,104
inner loop begin:7,105
inner loop end:7,105
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
inner loop end:8,103
inner loop begin:8,104
inner loop end:8,104
inner loop begin:8,105
inner loop end:8,105
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
```

```
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
inner loop end:9,103
inner loop begin:9,104
inner loop end:9,104
inner loop begin:9,105
inner loop end:9,105
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
inner loop end:10,103
inner loop begin:10,104
inner loop end:10,104
main end"
```

252.
```
class L
{
public static void main(String[] args)
{
System.out.println("main begin");
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
for(int j = 101; j <= 105; j++)
{
System.out.println("inner loop begin:" + i + "," + j);
if(j == 103)
{
break;
}
System.out.println("inner loop end:" + i + "," + j);
}
System.out.println("outer loop end:" + i);
}
System.out.println("main end");
}
}
```
Q563

A. ☑

compile time error

B. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
```

```
inner loop begin:7,103
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
outer loop end:10
main end
```
C. ☑
```
infinite loop
```

253.
```
class M
{
public static void main(String[] args)
{
System.out.println("main begin");
loop1:
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
loop2:
for(int j = 101; j <= 105; j++)
{
System.out.println("inner loop begin:" + i + "," + j);
if(j == 103)
{
break loop2;
}
System.out.println("inner loop end:" + i + "," + j);
}
System.out.println("outer loop end:" + i);
}
```

```
      System.out.println("main end");
    }
  }
  Q564
```

A. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
```

```
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
outer loop end:10
main end
```

B. ☑

```
infinite loop
```

C. ☑

```
compile time error
```

D. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
outer loop end:1
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
```

```
inner loop end:2,102
inner loop begin:2,103
outer loop end:2
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
outer loop end:3
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
outer loop end:4
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
outer loop end:5
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
outer loop end:6
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
outer loop end:7
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
outer loop end:8
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
```

```
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
main end
```

254.
```
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
loop1:
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
loop2:
for(int j = 101; j <= 105; j++)
{
System.out.println("inner loop begin:" + i + "," + j);
if(j == 103)
{
break loop1;
}
System.out.println("inner loop end:" + i + "," + j);
}
System.out.println("outer loop end:" + i);
}
System.out.println("main end");
}
}
Q565
```

A. ☑
```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
outer loop end:1
outer loop begin:2
inner loop begin:2,101
```

```
    inner loop end:2,101
    inner loop begin:2,102
    inner loop end:2,102
    inner loop begin:2,103
    outer loop end:2
    outer loop begin:3
    inner loop begin:3,101
    inner loop end:3,101
    inner loop begin:3,102
    inner loop end:3,102
    inner loop begin:3,103
    outer loop end:3
    outer loop begin:4
    inner loop begin:4,101
    inner loop end:4,101
    inner loop begin:4,102
    inner loop end:4,102
    inner loop begin:4,103
    outer loop end:4
    outer loop begin:5
    inner loop begin:5,101
    inner loop end:5,101
    inner loop begin:5,102
    inner loop end:5,102
    inner loop begin:5,103
    outer loop end:5
    outer loop begin:6
    inner loop begin:6,101
    inner loop end:6,101
    inner loop begin:6,102
    inner loop end:6,102
    inner loop begin:6,103
    outer loop end:6
    outer loop begin:7
    inner loop begin:7,101
    inner loop end:7,101
    inner loop begin:7,102
    inner loop end:7,102
    inner loop begin:7,103
    outer loop end:7
    outer loop begin:8
    inner loop begin:8,101
    inner loop end:8,101
    inner loop begin:8,102
    inner loop end:8,102
    inner loop begin:8,103
    outer loop end:8
    outer loop begin:9
```

```
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
outer loop end:9
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
outer loop end:10
main end
```

B. ☑

```
infinite loop
```

C. ☑

```
compile time error
```

D. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
main end
```

255.
```
class O
{
public static void main(String[] args)
{
System.out.println("main begin");
loop1:
for(int i = 1; i <= 10; i++)
{
System.out.println("outer loop begin:" + i);
loop2:
for(int j = 101; j <= 105; j++)
{
System.out.println("inner loop begin:" + i + "," + j);
if(j == 103)
{
continue loop1;
}
System.out.println("inner loop end:" + i + "," + j);
}
```

```
      System.out.println("outer loop end:" + i);
      }
      System.out.println("main end");
      }
      }
      Q566
```

A. ☑
```
infinite loop
```
B. ☑
```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,102
inner loop end:5,102
inner loop begin:5,103
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
```

1st Test

Language Fundamentals

```
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
main end
```

C. ☑

```
main begin
outer loop begin:1
inner loop begin:1,101
inner loop end:1,101
inner loop begin:1,102
inner loop end:1,102
inner loop begin:1,103
outer loop begin:2
inner loop begin:2,101
inner loop end:2,101
inner loop begin:2,102
inner loop end:2,102
inner loop begin:2,103
outer loop begin:3
inner loop begin:3,101
inner loop end:3,101
inner loop begin:3,102
inner loop end:3,102
inner loop begin:3,103
outer loop begin:4
inner loop begin:4,101
inner loop end:4,101
```

```
inner loop begin:4,102
inner loop end:4,102
inner loop begin:4,103
outer loop begin:5
inner loop begin:5,101
inner loop end:5,101
inner loop begin:5,103
outer loop begin:6
inner loop begin:6,101
inner loop end:6,101
inner loop begin:6,102
inner loop end:6,102
inner loop begin:6,103
outer loop begin:7
inner loop begin:7,101
inner loop end:7,101
inner loop begin:7,102
inner loop end:7,102
inner loop begin:7,103
outer loop begin:8
inner loop begin:8,101
inner loop end:8,101
inner loop begin:8,102
inner loop end:8,102
inner loop begin:8,103
outer loop begin:9
inner loop begin:9,101
inner loop end:9,101
inner loop begin:9,102
inner loop end:9,102
inner loop begin:9,103
outer loop begin:10
inner loop begin:10,101
inner loop end:10,101
inner loop begin:10,102
inner loop end:10,102
inner loop begin:10,103
main end
```

256.
```
class P
{
public static void main(String[] args)
{
System.out.println("main begin");
int[] elements = {10, 30, 20, 70, 35, 28};
for(int element : elements) //for-each (JDK1.5)
{
System.out.println(element);
```

```
        }
        System.out.println("main end");
        }
        }
        Q567
```

A. ☑
compile time error

B. ☑
main begin
10
30
20
70
35
28
main end

C. ☑
main begin
10
30
20
70
35
main end

257. class Q
      {
      public static void main(String[] args)
      {
      System.out.println("main begin");
      String[] elements = {"hello", "test", "123", "567", "true",
      "#$%"};
      for(String element : elements)
      {
      System.out.println(element);
      }
      System.out.println("main end");
      }
      }
      Q568

A. ☑
main begin
hello
test

```
123
567
true
#$%
main end
```
B. ☑
```
main begin
10
30
20
70
35
28
main end
```
C. ☑
```
main begin
hello
123
567
true
#$%
main end
```

258.
```
class R
{
public static void main(String[] args)
{
System.out.println("main begin");
double[] elements = {1.2, 4.5, 7.0};
for(int element : elements)
{
System.out.println(element);
}
System.out.println("main end");
}
}
Q569
```

A. ☑
```
compile time error
```
B. ☑
```
main begin
10
30
20
70
```

```
35
28
main end
```
C. ☑
```
main begin
hello
123
567
true
#$%
main end
```

259.
```
class S
{
public static void main(String[] args)
{
System.out.println("main begin");
double[] elements = {1.2, 4.5, 7.0};
double element;
for(element : elements)
{
System.out.println(element);
}
System.out.println("main end");
}
}
```
Q570

A. ☑
```
main begin
10
30
20
70
35
28
main end
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
10
30
20
7
35
```

```
28
main end
```

260.
```
class A
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
{
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
Q571
```

A. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
main end:6
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
main end:6
```

261.
```java
class B
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
while(i <= 5)
{
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q572

A. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
main end:6
```
B. ☑
```
compile time error
```
C. ☑
```
main begin
main end:10
```

262.
```java
class C
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5);
{
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
i++;
```

```
        }
        System.out.println("main end:" + i);
        }
        }
        Q573
```

A. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
main end:6
```
B. ☑
```
main begin
```
C. ☑
```
infinite loop
```

263.
```
class D
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i++ <= 5)
{
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
}
System.out.println("main end:" + i);
}
}
Q574
```

A. ☑
```
main begin
loop begin:2
loop end:2
loop begin:3
loop end:3
```

```
loop begin:4
loop end:4
loop begin:5
loop end:5
loop begin:6
loop end:6
main end:7
```

B. ☑
```
main begin
loop begin:2
loop end:2
loop begin:3
loop end:3
loop begin:4
loop end:4
loop begin:5
loop end:5
main end:7
```

C. ☑
```
infinite loop
```

264.
```java
class E
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i++ <= 5);
{
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
}
System.out.println("main end:" + i);
}
}
```
Q575

A. ☑
```
infinite loop
```

B. ☑
```
main begin
loop begin:7
loop end:7
main end:7
```

C. ☑
```
main begin
```

```
loop begin:6
loop end:6
main end:7
```

265.
```
class F
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
i++;
System.out.println("main end:" + i);
}
}
Q576
```

A. ☑
infinite loop

B. ☑
main begin

C. ☑
compile time error

266.
```
class G
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
System.out.println("loop begin:" + i++);
System.out.println("loop end:" + i);
i++;
System.out.println("main end:" + i);
}
}
Q577
```

A. ☑
```
main begin
loop begin:1
loop begin:2
loop begin:3
```

```
loop begin:4
loop begin:5
loop end:6
main end:7
```

B. ☑

```
infinite loop
```

C. ☑

```
main begin
loop begin:1
loop begin:2
loop begin:3
loop begin:4
loop begin:5
loop end:6
main end:6
```

267.
```
class H
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i++ <= 5)
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
i++;
System.out.println("main end:" + i);
}
}
Q578
```

A. ☑

```
compile time error
```

B. ☑

```
main begin
loop begin:2
loop begin:3
loop begin:4
loop begin:5
loop begin:6
loop end:7
main end:8
```

C. ☑

```
infinite loop
```

D. ☑

```
main begin
loop begin:2
loop begin:3
loop begin:4
loop begin:5
loop begin:6
loop end:7
main end:7
```

268.
```
class I
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i++ <= 5);
System.out.println("loop begin:" + i);
System.out.println("loop end:" + i);
i++;
System.out.println("main end:" + i);
}
}
```
Q579

A. ☑
```
infinite loop
```
B. ☑
```
main begin
loop begin:7
loop end:7
main end:7
```
C. ☑
```
compile time error
```
D. ☑
```
main begin
loop begin:7
loop end:7
main end:8
```

269.
```
class J
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
```

```
{
System.out.println("loop begin:" + i);
if(i == 3)
{
continue;
}
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
Q580
```

A. ☑
```
infinite loop
```
B. ☑
```
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
```
C. ☑
```
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
loop begin:3
```

270.
```
class K
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
{
System.out.println("loop begin:" + i);
```

```
        if(i == 3)
        {
        i++;
        continue;                                                    pg. 186
        }
        System.out.println("loop end:" + i);
        i++;
        }
        System.out.println("main end:" + i);
        }
        }
        Q581
```

A. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop begin:4
loop end:4
loop begin:5
loop end:5
main end:5
```
B. ☑
```
main begin
loop begin:1
loop end:1
loop begin:2
loop end:2
loop begin:3
loop begin:4
loop end:4
loop begin:5
loop end:5
main end:6
```
C. ☑
```
infinite loop
```
D. ☑
```
compile time error
```

271.
```
class L
{
public static void main(String[] args)
{
```

```
System.out.println("main begin");
int i = 1;
while(i <= 5)
{
System.out.println("loop begin:" + i);
if(i == 3)
{
break;
}
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
Q582
```

A. ☑

```
infinite loop
```

B. ☑

```
compile time error
```

C. ☑

```
loop end:1
loop begin:2
loop end:2
loop begin:3
main end:3
```

D. ☑

```
loop end:1
loop begin:2
loop end:2
loop begin:2
main end:3
```

272.
```
class M
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
{
System.out.println("loop begin:" + i);
for(int j = 101; j <= 103; j++)
{
System.out.println("inner loop begin " + i + ", " + j);
```

```
        System.out.println("inner loop end " + i + ", " + j);
        }
        System.out.println("loop end:" + i);
        i++;
        }
        System.out.println("main end:" + i);
        }
        }
```
Q583

A. ☑

```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
inner loop end 1, 102
inner loop begin 1, 103
inner loop end 1, 103
loop end:1
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
inner loop end 2, 102
inner loop begin 2, 103
inner loop end 2, 103
loop end:2
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
inner loop end 3, 102
inner loop begin 3, 103
inner loop end 3, 103
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
inner loop end 4, 102
inner loop begin 4, 103
inner loop end 4, 103
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
```

```
inner loop end 5, 102
inner loop begin 5, 103
inner loop end 5, 103
loop end:5
main end:6
```
B. ☑
```
infinite loop
```
C. ☑
```
main begin
loop begin:0
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
inner loop end 1, 102
inner loop begin 1, 103
inner loop end 1, 103
loop end:1
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
inner loop end 2, 102
inner loop begin 2, 103
inner loop end 2, 103
loop end:2
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
inner loop end 3, 102
inner loop begin 3, 103
inner loop end 3, 103
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
inner loop end 4, 102
inner loop begin 4, 103
inner loop end 4, 103
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
inner loop end 5, 102
inner loop begin 5, 103
```

```
inner loop end 5, 103
loop end:5
main end:6
```
D. ☑
```
compile time error
```

273.
```java
class N
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
while(i <= 5)
{
System.out.println("loop begin:" + i);
for(int j = 101; j <= 103; j++)
{
System.out.println("inner loop begin " + i + ", " + j);
if(j == 102)
{
break;
}
System.out.println("inner loop end " + i + ", " + j);
}
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
Q584
```

A. ☑
```
compile time error
```
B. ☑
```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
loop end:1
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
loop end:2
loop begin:3
```

```
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
loop end:5
main end:6
```
C. ☑
```
main begin
loop begin:0
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
loop end:1
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
loop end:2
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
loop end:5
main end:6
```

274.
```
class O
{
public static void main(String[] args)
{
```

```java
System.out.println("main begin");
int i = 1;
while(i <= 5)
{
System.out.println("loop begin:" + i);
for(int j = 101; j <= 103; j++)
{
System.out.println("inner loop begin " + i + ", " + j);
if(j == 102)
{
continue;
}
System.out.println("inner loop end " + i + ", " + j);
}
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q585

A. ☑

```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
inner loop begin 1, 103
inner loop end 1, 103
loop end:1
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
inner loop begin 2, 103
inner loop end 2, 103
loop end:2
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
inner loop begin 3, 103
inner loop end 3, 103
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
```

```
inner loop begin 4, 102
inner loop begin 4, 103
inner loop end 4, 103
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
inner loop begin 5, 103
inner loop end 5, 103
loop end:5
main end:6
```
B. ☑
```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
inner loop begin 1, 103
inner loop end 1, 103
loop end:1
loop begin:1
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
inner loop begin 2, 103
inner loop end 2, 103
loop end:2
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
inner loop begin 3, 103
inner loop end 3, 103
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
inner loop begin 4, 103
inner loop end 4, 103
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
inner loop begin 5, 103
inner loop end 5, 103
```

```
loop end:5
main end:6
```
C. ☑
```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
inner loop begin 1, 103
inner loop end 1, 103
loop end:1
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
inner loop begin 2, 103
inner loop end 2, 103
loop end:2
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
inner loop begin 3, 103
inner loop end 3, 103
loop end:3
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
inner loop begin 4, 103
inner loop end 4, 103
loop end:4
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
inner loop begin 5, 103
inner loop end 5, 103
loop end:5
main end:5
```
D. ☑
```
infinite loop
```

275.
```
class P
{
public static void main(String[] args)
{
```

```
System.out.println("main begin");
int i = 1;
abc:
while(i <= 5)
{
System.out.println("loop begin:" + i);
for(int j = 101; j <= 103; j++)
{
System.out.println("inner loop begin " + i + ", " + j);
if(j == 102)
{
continue abc;
}
System.out.println("inner loop end " + i + ", " + j);
}
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
```
Q586

A. ☑
```
infinite loop
```
B. ☑
```
compile time error
```
C. ☑
```
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
loop begin:1
```

276.
```
class Q
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
abc:
while(i <= 5)
{
System.out.println("loop begin:" + i);
for(int j = 101; j <= 103; j++)
{
System.out.println("inner loop begin " + i + ", " + j);
if(j == 102)
```

```
    {
    i++;
    continue abc;
    }
    System.out.println("inner loop end " + i + ", " + j);
    }
    System.out.println("loop end:" + i);
    i++;
    }
    System.out.println("main end:" + i);
    }
    }
    Q587
```

A. ☑
compile time error
B. ☑
infinite loop
C. ☑
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
main end:6
D. ☑
main begin
loop begin:0
inner loop begin 1, 101
inner loop end 1, 101

```
inner loop begin 1, 102
loop begin:2
inner loop begin 2, 101
inner loop end 2, 101
inner loop begin 2, 102
loop begin:3
inner loop begin 3, 101
inner loop end 3, 101
inner loop begin 3, 102
loop begin:4
inner loop begin 4, 101
inner loop end 4, 101
inner loop begin 4, 102
loop begin:5
inner loop begin 5, 101
inner loop end 5, 101
inner loop begin 5, 102
main end:6
```

277.
```
class R
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
abc:
while(i <= 5)
{
System.out.println("loop begin:" + i);
for(int j = 101; j <= 103; j++)
{
System.out.println("inner loop begin " + i + ", " + j);
if(j == 102)
{
break abc;
}
System.out.println("inner loop end " + i + ", " + j);
}
System.out.println("loop end:" + i);
i++;
}
System.out.println("main end:" + i);
}
}
Q588
```

A. ☑

infinite loop

B. ☑

```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
main end:1
```

C. ☑

```
main begin
loop begin:1
inner loop begin 1, 101
inner loop end 1, 101
inner loop begin 1, 102
main end:2
```

278.
```
class S
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
do
{
System.out.println("body begin:" + i);
System.out.println("body end:" + i);
i++;
}
while (i <= 5);
System.out.println("main end");
}
}
Q589
```

A. ☑

```
compile time error
```

B. ☑

```
main begin
body begin:1
body end:1
body begin:2
body end:2
body begin:3
body end:3
body begin:4
body end:4
body begin:5
```

```
body end:5
main end
```
C. ☑
```
main begin
body begin:1
body end:2
body begin:2
body end:2
body begin:3
body end:3
body begin:4
body end:4
body begin:5
body end:5
main end
```
D. ☑
```
infinite loop
```

279.
```
class T
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 10;
do
{
System.out.println("body begin:" + i);
System.out.println("body end:" + i);
i++;
}
while (i <= 5);
System.out.println("main end");
}
}
Q590
```

A. ☑
```
main begin
body begin:10
body end:10
main end
```
B. ☑
```
main begin
body begin:1
body end:1
body begin:2
```

```
body end:2
body begin:3
body end:3
body begin:4
body end:4
body begin:5
body end:5
main end
```
C. ☑
```
infiniteloop
```

280.
```
class U
{
public static void main(String[] args)
{
System.out.println("main begin");
int i = 1;
do
{
System.out.println("body begin:" + i);
System.out.println("body end:" + i);
i++;
}
while (i <= 5)
System.out.println("main end");
}
}
Q591
```

A. ☑
```
main begin
body begin:10
body end:10
main end
```
B. ☑
```
main begin
body begin:1
body end:1
body begin:2
body end:2
body begin:3
body end:3
body begin:4
body end:4
body begin:5
body end:5
main end
```

C. ☑
compile time error

281.
```
class V
{
public static void main(String[] args)
{
System.out.println("main begin");

do
{
int i = 1;
System.out.println("body begin:" + i);
System.out.println("body end:" + i);
i++;
}
while (i <= 5);
System.out.println("main end");
}
}
```
Q592

A. ☑
compile time error
B. ☑
run time error
C. ☑
infiniteloop

282.
```
class A
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(true)
                {
                        System.out.println("from if");
                }
                System.out.println("main end");
        }
}
```
Q2104

A. ☑
main begin
from if

main end

B. ☑

main begin
from if

C. ☑

main begin
main end

D. ☑

Compilation Error

---

283. class B
```
class B
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false)
                {
                        System.out.println("from if");
                }
                System.out.println("main end");
        }
}
Q2105
```

A. ☑

main begin
from if
main end

B. ☑

main begin
from if

C. ☑

main begin
main end

D. ☑

Compilation Error

---

284. class C
```
class C
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                boolean b1 = true;
                if(b1)
                {
```

```
                                System.out.println("from if");
                        }
                        System.out.println("main end");
                }
        }
        Q2106
```

A. ☑
```
main begin
from if
main end
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end
```
D. ☑
```
Compilation Error
```

285.
```
class D
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                boolean b1 = false;
                if(b1)
                {
                        System.out.println("from if");
                }
                System.out.println("main end");
        }
}
Q2107
```

A. ☑
```
main begin
from if
main end
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end
```

D. ☑

Compilation Error

```
286.   class E
       {
               public static void main(String[] args)
               {
                       System.out.println("main begin");
                       boolean b1;
                       if(b1)
                       {
                               System.out.println("from if");
                       }
                       System.out.println("main end");
               }
       }
       Q2108
```

A. ☑

main begin
from if
main end

B. ☑

main begin
from if

C. ☑

main begin
main end

D. ☑

Compilation Error

```
287.   class F
       {
               public static void main(String[] args)
               {
                       System.out.println("main begin");
                       boolean b1;
                       if(b1 = true)
                       {
                               System.out.println("from if");
                       }
                       System.out.println("main end");
               }
       }
       Q2109
```

A. ☑
```
main begin
from if
main end
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end
```
D. ☑
```
Compilation Error
```

288.
```
class G
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                boolean b1;
                if(b1 = false)
                {
                        System.out.println("from if");
                }
                System.out.println("main end");
        }
}
Q2110
```

A. ☑
```
main begin
from if
main end
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end
```
D. ☑
```
Compilation Error
```

289.
```
class H
{
        public static void main(String[] args)
        {
```

```
                              System.out.println("main begin");
                              boolean b1;
                              if(b1 = false)
                              {
                                      System.out.println("from if");
                              }
                              System.out.println("main end:" + b1);
                      }
              }
              Q2111
```

A. ☑
```
main begin
from if
main end:false
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end:false
```
D. ☑
```
Compilation Error
```

```
290.    class I
        {
                public static void main(String[] args)
                {
                        System.out.println("main begin");
                        if(100 == 100)
                        {
                                System.out.println("from if");
                        }
                        System.out.println("main end:");
                }
        }
        Q2112
```

A. ☑
```
main begin
from if
main end:
```
B. ☑
```
main begin
from if
```

C. ✔

```
main begin
main end:
```

D. ✔

```
Compilation Error
```

291.
```
class J
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(100 == 200)
                {
                        System.out.println("from if");
                }
                System.out.println("main end:");
        }
}
```
Q2113

A. ✔

```
main begin
from if
main end:
```

B. ✔

```
main begin
from if
```

C. ✔

```
main begin
main end:
```

D. ✔

```
Compilation Error
```

292.
```
class K
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(100 != 200)
                {
                        System.out.println("from if");
                }
                System.out.println("main end:");
        }
}
```

Q2114

A. ☑
```
main begin
from if
main end:
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

293.
```
class L
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(100 != 100)
                {
                        System.out.println("from if");
                }
                System.out.println("main end:");
        }
}
```
Q2115

A. ☑
```
main begin
from if
main end:
```
B. ☑
```
main begin
from if
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

294.
```
class M
{
        public static void main(String[] args)
```

```
            {
                    System.out.println("main begin");
                    if(true)
                    {
                            System.out.println("from if1");
                            System.out.println("from if2");
                            System.out.println("from if3");
                            System.out.println("from if4");
                    }
                    System.out.println("main end:");
            }
    }
    Q2116
```

A. ☑

```
main begin
from if1
from if2
from if3
from if4
main end:
```

B. ☑

```
main begin
main end:
```

C. ☑

```
main begin
from if1
from if2
from if3
from if4
```

D. ☑

```
Compilation Error
```

295.   class N
```
    {
            public static void main(String[] args)
            {
                    System.out.println("main begin");
                    if(true)
                    {
                            int i = 10;
                            System.out.println("from if1");
                            System.out.println("from if2");
                            System.out.println("from if3");
                            System.out.println("from if4:" + i);
                    }
```

```
                        System.out.println("main end:");
                }
        }
        Q2117
```

A. ☑
```
main begin
from if1
from if2
from if3
from if4:10
main end:
```
B. ☑
```
main begin
main end:
```
C. ☑
```
main begin
from if1
from if2
from if3
from if4:10
```
D. ☑
```
Compilation Error
```

296.
```
class O
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(true)
                {
                        int i = 10;
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                        System.out.println("from if4:" + i);
                }
                System.out.println("main end:" + i);
        }
}
Q2118
```

A. ☑
```
main begin
from if1
from if2
```

```
from if3
from if4:10
main end:10
```
B. ☑
```
main begin
main end:10
```
C. ☑
```
main begin
from if1
from if2
from if3
from if4:10
```
D. ☑
```
Compilation Error
```

297.
```
class P
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false)
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                System.out.println("main end:");
        }
}
Q2119
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if2
from if3
main end:
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

298.
```
class Q
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false);
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                System.out.println("main end:");
        }
}
```
Q2120

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

299.
```
class R
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(true || true)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
```
Q2121

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

300.
```
class S
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false || true)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
```
Q2122

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑

main begin
main end:
D. ☑
Compilation Error

---

301. class T
```
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(true || false)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
```
Q2123

A. ☑
main begin
from if1
from if2
from if3
main end:
B. ☑
main begin
from if1
from if2
from if3
C. ☑
main begin
main end:
D. ☑
Compilation Error

---

302. class U
```
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false || false)
                {
                        System.out.println("from if1");
```

```
                                        System.out.println("from if2");
                                        System.out.println("from if3");
                        }
                        System.out.println("main end:");
                }
        }
        Q2124
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

303. class V
```
class V
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(true && true)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
Q2125
```

A. ☑
```
main begin
from if1
from if2
from if3
```

```
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

304.
```
class W
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false && true)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
Q2126
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

305.
```
class X
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(true && false)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
Q2127
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

306.
```
class Y
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(false && false)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
```

```
        }
        Q2128
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

```
307.    class Z
        {
                public static void main(String[] args)
                {
                        System.out.println("main begin");
                        if(!true)
                        {
                                System.out.println("from if1");
                                System.out.println("from if2");
                                System.out.println("from if3");
                        }
                        System.out.println("main end:");
                }
        }
        Q2129
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
```

```
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

308.
```
class Z1
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                if(!false)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:");
        }
}
Q2130
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:
```
D. ☑
```
Compilation Error
```

309.
```
class Z2
{
        public static void main(String[] args)
        {
```

```
                                System.out.println("main begin");
                                boolean b1 = true;
                                if(!b1)
                                {
                                        System.out.println("from if1");
                                        System.out.println("from if2");
                                        System.out.println("from if3");
                                }
                                System.out.println("main end:" + b1);
                    }
            }
            Q2131
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:true
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:true
```
D. ☑
```
Compilation Error
```

```
310.    class Z3
        {
                public static void main(String[] args)
                {
                        System.out.println("main begin");
                        boolean b1 = true;
                        if(b1 = false)
                        {
                                System.out.println("from if1");
                                System.out.println("from if2");
                                System.out.println("from if3");
                        }
                        System.out.println("main end:" + b1);
                }
        }
        Q2132
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:false
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:false
```
D. ☑
```
Compilation Error
```

311.
```java
class Z4
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                boolean b1 = true;
                if(b1 == false)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:" + b1);
        }
}
Q2133
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:true
```
B. ☑
```
main begin
from if1
from if2
from if3
```

C. ☑
```
main begin
main end:true
```
D. ☑
```
Compilation Error
```

312.
```
class Z5
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
                boolean b1 = true;
                if(b1 = !b1)
                {
                        System.out.println("from if1");
                        System.out.println("from if2");
                        System.out.println("from if3");
                }
                System.out.println("main end:" + b1);
        }
}
Q2134
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:false
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:false
```
D. ☑
```
Compilation Error
```

313.
```
class Z6
{
        public static void main(String[] args)
        {
                System.out.println("main begin");
```

```
                              int i = 10;
                              if(i = 10)
                              {
                                      System.out.println("from if1");
                                      System.out.println("from if2");
                                      System.out.println("from if3");
                              }
                              System.out.println("main end:" + i);
                      }
              }
              Q2135
```

A. ☑
```
main begin
from if1
from if2
from if3
main end:10
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:10
```
D. ☑
```
Compilation Error
```

```
314.    class Z7
        {
                public static void main(String[] args)
                {
                        System.out.println("main begin");
                        int i = 10;
                        if(i == 10)
                        {
                                System.out.println("from if1");
                                System.out.println("from if2");
                                System.out.println("from if3");
                        }
                        System.out.println("main end:" + i);
                }
        }
        Q2136
```

Language Fundamentals   1st Test

A. ☑
```
main begin
from if1
from if2
from if3
main end:10
```
B. ☑
```
main begin
from if1
from if2
from if3
```
C. ☑
```
main begin
main end:10
```
D. ☑
```
Compilation Error
```

315.
```java
public class A {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        System.out.println("if1 end");
                }
                if(true) {
                        System.out.println("if2 begin");
                        System.out.println("if2 end");
                }
                System.out.println("main end");
        }
}
```
Q2137

A. ☑
```
main begin
if1 begin
if1 end
if2 begin
if2 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```

C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
Compilation Error
```

316.
```java
package nested;

public class B {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false) {
                        System.out.println("if1 begin");
                        System.out.println("if1 end");
                }
                if(true) {
                        System.out.println("if2 begin");
                        System.out.println("if2 end");
                }
                System.out.println("main end");
        }
}
Q2138
```

A. ☑
```
main begin
if1 begin
if1 end
if2 begin
if2 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
Compilation Error
```

317.   package nested;

        public class C {   pg. 226
                public static void main(String[] args) {
                        System.out.println("main begin");
                        if(true) {
                                System.out.println("if1 begin");
                                System.out.println("if1 end");
                        }
                        if(false) {
                                System.out.println("if2 begin");
                                System.out.println("if2 end");
                        }
                        System.out.println("main end");
                }
        }
        Q2139

A. ☑
```
main begin
if1 begin
if1 end
if2 begin
if2 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
Compilation Error
```

318.   package nested;

        public class D {
                public static void main(String[] args) {
                        System.out.println("main begin");
                        if(false) {
                                System.out.println("if1 begin");
                                System.out.println("if1 end");
```

```
                                    }
                                    if(false) {
                                            System.out.println("if2 begin");
                                            System.out.println("if2 end");
                                    }
                                    System.out.println("main end");
                        }
            }
            Q2140
```

A. ☑
```
main begin
if1 begin
if1 end
if2 begin
if2 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

319.
```
package nested;

public class E {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false) {
                        System.out.println("if1 begin");
                        if(true) {
                                System.out.println("if2
begin");
                                System.out.println("if2
end");
                        }
```

```
                              System.out.println("if1 end");
                    }
                    System.out.println("main end");
            }
      }
      Q2141
```

A. ☑
```
main begin
if1 begin
if2 begin
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

320.
```
package nested;

public class F {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(true) {
                                System.out.println("if2
begin");

                                System.out.println("if2
end");
                        }
                        System.out.println("if1 end");
                }
                System.out.println("main end");
```

```
                                    }
                           }
                           Q2142                                                pg. 229
```

A. ☑
```
main begin
if1 begin
if2 begin
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

321.
```java
package nested;

public class G {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(false) {
                                System.out.println("if2
begin");
                                System.out.println("if2
end");
                        }
                        System.out.println("if1 end");
                }
                System.out.println("main end");
        }
}
Q2143
```

A. ☑
```
main begin
if1 begin
if2 begin
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
if2 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

322.
```java
package nested;

public class H {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(true) {
                                System.out.println("if2
begin");
                        }
                        System.out.println("if1 end");
                }
                System.out.println("main end");
        }
}
Q2144
```

A. ☑
```
main begin
if1 begin
if2 begin
```

```
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

323.
```java
package nested;

public class I {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(true)
                                System.out.println("if2
begin");
                        System.out.println("if1 end");
                }
                System.out.println("main end");
        }
}
Q2145
```

A. ☑
```
main begin
if1 begin
if2 begin
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```

C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

324.
```java
package nested;

public class J {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(false)
                                System.out.println("if2
begin");

                        System.out.println("if1 end");
                }
                System.out.println("main end");
        }
}
```
Q2146

A. ☑
```
main begin
if1 begin
if1 end
if2 begin
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
main begin
main end
```

E. ☑
Compilation error

---

325. package nested;

```
public class K {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        if(true)
                                System.out.println("if2
begin");
                }
                System.out.println("main end");
        }
}
```
Q2147

A. ☑
main begin
if1 begin
main end

B. ☑
main begin
main end

C. ☑
main begin
if2 begin
main end

D. ☑
Compilation Error

---

326. package nested;

```
public class L {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                        if(true)
                                System.out.println("if2
begin");
                System.out.println("main end");
        }
}
```
Q2148

A. ☑
```
main begin
if1 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
Compilation Error
```

327. `package nested;`

```java
public class M {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                if(true)
                System.out.println("if2 begin");
                System.out.println("main end");
        }
}
```
Q2149

A. ☑
```
main begin
if2 begin
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
Compilation Error
```

328. `package nested;`

```java
public class N {
        public static void main(String[] args) {
                System.out.println("main begin");
```

```
                        if(false)
                        if(true)
                        System.out.println("if2 begin");
                        System.out.println("main end");
                }
        }
        Q2150
```

A. ☑
```
main begin
if2 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
Compilation Error
```

329.
```
package nested;

public class O {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                if(false)
                System.out.println("if2 begin");
                System.out.println("main end");
        }
}
Q2151
```

A. ☑
```
main begin
if2 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 begin
```

main end

D. ☑

Compilation Error

---

330. package nested;

```java
public class P {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                System.out.println("if1 begin");
                if(false)
                System.out.println("if2 begin");
                System.out.println("main end");
        }
}
```
Q2152

A. ☑

main begin
if1 begin
main end

B. ☑

main begin
main end

C. ☑

main begin
if2 begin
main end

D. ☑

Compilation Error

---

331. package nested;

```java
public class Q {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false)
                System.out.println("if1 begin");
                if(true)
                System.out.println("if2 begin");
                System.out.println("main end");
        }
}
```
Q2153

A. ☑
```
main begin
if1 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
Compilation Error
```

332.
```
package nested;

public class R {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false)
                System.out.println("if1 begin");
                if(false)
                System.out.println("if2 begin");
                System.out.println("main end");
        }
}
```
Q2154

A. ☑
```
main begin
if1 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
main begin
if2 begin
main end
```
D. ☑
```
Compilation Error
```

333.
```
package nested;

public class S {
```

```
              public static void main(String[] args) {
                      System.out.println("main begin");
                      if(true) {
                              System.out.println("if1 begin");
                      }
                      if(true) {
                              System.out.println("if2 begin");
                      }
                      if(true) {
                              System.out.println("if3 begin");
                      }
                      System.out.println("main end");
              }
      }
      Q2155
```

A. ☑
```
main begin
if1 begin
if2 end
if3 begin
main end
```

B. ☑
```
main begin
if1 begin
if2 end
main end
```

C. ☑
```
main begin
if3 begin
main end
```

D. ☑
```
main begin
main end
```

E. ☑
```
Compilation error
```

334.
```
package nested;

public class T {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                        System.out.println("if1 begin");
                if(true)
                        System.out.println("if2 begin");
```

```
                                    if(true)
                                            System.out.println("if3 begin");
                                    System.out.println("main end");
                            }
                    }
                    Q2156
```

A. ☑
```
main begin
if1 begin
if2 end
if3 begin
main end
```
B. ☑
```
main begin
if1 begin
if2 end
main end
```
C. ☑
```
main begin
if3 begin
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

335.
```
package nested;

public class U {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false)
                        System.out.println("if1 begin");
                if(true)
                        System.out.println("if2 begin");
                if(true)
                        System.out.println("if3 begin");
                System.out.println("main end");
        }
}
Q2157
```

A. ☑

```
main begin
if2 end
if3 begin
main end
```
B. ☑
```
main begin
if1 begin
if2 end
main end
```
C. ☑
```
main begin
if2 begin
if3 begin
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

336.
```
package nested;

public class V {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false) {
                        System.out.println("if1 begin");
                        if(true) {
                                System.out.println("if2
begin");

                                if(true) {

System.out.println("if3 begin");

System.out.println("if3 end");
                                }
                                System.out.println("if2
end");
                        }
                        System.out.println("if1 end");
                }
                System.out.println("main end");
        }
}
```
Q2158

A. ☑
```
main begin
if1 begin
if2 begin
if3 begin
if3 end
if2 end
if1 end
main end
```
B. ☑
```
main begin
if2 begin
if3 begin
if3 end
if2 end
main end
```
C. ☑
```
main begin
if3 begin
if3 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

337.
```java
package nested;

public class X {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(false) {
                                System.out.println("if2
begin");

                                if(true) {

System.out.println("if3 begin");

System.out.println("if3 end");
                                }
                                System.out.println("if2
end");
                        }
```

```
                                    System.out.println("if1 end");
                        }
                        System.out.println("main end");
                }
        }
```
Q2159

A. ☑
```
main begin
if1 begin
if2 begin
if3 begin
if3 end
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if3 begin
if3 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

338.
```
package nested;

public class Y {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(true) {
                                System.out.println("if2
begin");
                                if(false) {

System.out.println("if3 begin");
```

```
        System.out.println("if3 end");
                                    }
                            System.out.println("if2
end");
                        }
                    System.out.println("if1 end");
                }
            System.out.println("main end");
        }
    }
    Q2160
```

A. ☑
```
main begin
if1 begin
if2 begin
if3 begin
if3 end
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if1 begin
if2 begin
if2 end
if1 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

339.
```
package nested;

public class Z {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
```

```
                                        System.out.println("if1 begin");
                                        if(true) {
                                                System.out.println("if2
        begin");

                                                if(false) {

        System.out.println("if3 begin");
                                                }
                                                System.out.println("if2
        end");
                                        }
                                        System.out.println("if1 end");
                                }
                                System.out.println("main end");
                        }
                }
                Q2161
```

A. ☑
```
main begin
if1 begin
if2 begin
if3 begin
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if1 begin
if2 begin
if2 end
if1 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

340.   package nested;

```
    public class Z1 {
        public static void main(String[] args) {
            System.out.println("main begin");
            if(true) {
                System.out.println("if1 begin");
                if(true) {
                    System.out.println("if2 begin");

                    if(false)

System.out.println("if3 begin");
                    System.out.println("if2 end");
                }
                System.out.println("if1 end");
            }
            System.out.println("main end");
        }
    }
    Q2162
```

A. ☑
```
main begin
if1 begin
if2 begin
if3 begin
if2 end
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if1 begin
if2 begin
if2 end
if1 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

341.
```
package nested;

public class Z2 {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        System.out.println("if1 begin");
                        if(true) {
                                if(false)

System.out.println("if3 begin");
                        }
                        System.out.println("if1 end");
                }
                System.out.println("main end");
        }
}
```
Q2163

A. ☑
```
main begin
if1 begin
if3 begin
if1 end
main end
```
B. ☑
```
main begin
if1 begin
if1 end
main end
```
C. ☑
```
main begin
if1 begin
if3 begin
if1 end
main end
```
D. ☑
```
main begin
main end
```
E. ☑
```
Compilation error
```

342.
```
package nested;

public class Z3 {
        public static void main(String[] args) {
```

```
                        System.out.println("main begin");
                        if(true) {
                                System.out.println("if1 begin");
                                if(true)
                                        if(false)

        System.out.println("if3 begin");
                                System.out.println("if1 end");
                        }
                        System.out.println("main end");
                }
        }
        Q2164
```

A. ☑

```
main begin
if1 begin
if3 begin
if1 end
main end
```

B. ☑

```
main begin
if1 begin
if1 end
main end
```

C. ☑

```
main begin
if1 begin
if3 begin
if1 end
main end
```

D. ☑

```
main begin
main end
```

E. ☑

```
Compilation error
```

343.
```
package nested;

public class Z4 {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true) {
                        if(true)
                                if(false)
```

```
            System.out.println("if3 begin");
                        }
                        System.out.println("main end");
                }
        }
```
Q2165

A. ☑
```
main begin
if3 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
Compilation Error
```
D. ☑
```
None
```

344.  ```
package nested;

public class Z5 {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                        if(true)
                                if(false)

System.out.println("if3 begin");
                System.out.println("main end");
        }
}
```
Q2166

A. ☑
```
main begin
if3 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
Compilation Error
```
D. ☑

None

---

**345.**
```
package nested;

public class Z6 {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(true)
                if(true)
                if(false)
                System.out.println("if3 begin");
                System.out.println("main end");
        }
}
```
Q2167

A. ☑
```
main begin
if3 begin
main end
```
B. ☑
```
main begin
main end
```
C. ☑
```
Compilation Error
```
D. ☑
None

---

**346.**
```
package nested;

public class Z4 {
        public static void main(String[] args) {
                System.out.println("main begin");
                if(false)
                if(true)
                if(true)
                System.out.println("if3 begin");
                System.out.println("main end");
        }
}
```
Q2168

A. ☑
```
main begin
if3 begin
main end
```

B. ☑
```
main begin
main end
```
C. ☑
```
Compilation Error
```
D. ☑
```
None
```

347.   Identify the Bitwise NOT operator in Java below. Q2835

A. ☑
```
~
```
B. ☑
```
!
```
C. ☑
```
#
```
D. ☑
```
^
```

348.   Bitwise operators in Java work with? Q2836

A. ☑
```
boolean data like true or false
```
B. ☑
```
Real numbers like float or double
```
C. ☑
```
Individual bits of integers like byte, short, int, long and char
```
D. ☑
```
all of the above
```

349.   What is the name of << bitwise operator in Java? Q2837

A. ☑
```
Right Shift Operator
```
B. ☑
```
left Shift Operator
```
C. ☑
```
Left Shift Fill Zero operator
```
D. ☑
```
right Shift Fill Zero operator
```

350. What is this >> bitwise operator in Java? Q2838

A. ☑
Right Shift Operator

B. ☑
left Shift Operator

C. ☑
Left Shift Fill Zero operator

D. ☑
right Shift Fill Zero operator

351. What is this >>> bitwise operator in Java? Q2839

A. ☑
Right Shift Operator

B. ☑
left Shift Operator

C. ☑
Left Shift Fill Zero operator

D. ☑
right Shift Fill Zero operator

352. Left Shift (<<) in Java is equivalent to? Q2840

A. ☑
Subtracting the number by 2

B. ☑
Dividing the number by 2

C. ☑
Multiplying the number by 2

D. ☑
Adding the number by 2

353. Right Shift >> in Java is equivalent to? Q2841

A. ☑
Subtracting the number by 2

B. ☑
Dividing the number by 2

C. ☑
Multiplying the number by 2

D. ☑
Adding the number by 2

354. What is the output of a Bitwise AND (&) operation if both the inputs/operands are 1s?Q2842

A. ☑
1

B. ☑
0

C. ☑
1 or 0

D. ☑
none of the above

355. What is the output of a Bitwise OR (|) operation if both the inputs are 1s?Q2843

A. ☑
1

B. ☑
0

C. ☑
1 or 0

D. ☑
none of the above

356. What are the two possible Logical Operator types?Q2860

A. ☑
bitwise logical

B. ☑
boolean logical

C. ☑
arithmatic logical

D. ☑
both a and b

357. What is the input for Logical Operators?Q2861

A. ☑
1 and 0

B. ☑
true / false

C. ☑
char/string

D. ☑
none of the above

---

358.   What is the output of any Logical operation in Java?Q2862

A. ☑
1 and 0

B. ☑
true / false

C. ☑
char/string

D. ☑
none of the above

---

359.   Which is the Logical operator in Java that works with a Single Operand?Q2863

A. ☑
Logical AND

B. ☑
Logical OR

C. ☑
Logical Exclusive OR

D. ☑
Logical NOT

---

360.   Which among the following is a Logical Unary NOT operator in Java?Q2864

A. ☑
~

B. ☑
!

C. ☑
#

D. ☑
^

361.
```
boolean b=false;
b=!b;
System.out.println(b);
what is the output?Q2865
```

A. ☑
true

B. ☑
false

C. ☑
compile time error

D. ☑
none of the above

362. What is the output of Logical AND (&) operation if one of the inputs/operands is false?Q2866

A. ☑
true

B. ☑
false

C. ☑
true or false

D. ☑
none of the above

363. What is the output of Logical OR operation if one of the inputs/operands is false?Q2867

A. ☑
true

B. ☑
false

C. ☑
true or false

D. ☑
none of the above

364. What is the output of a Logical OR (|) operation if one of the inputs/operands is true?Q2868

A. ☑

true

B. ☑

false

C. ☑

true or false

D. ☑

none of the above