

1. which is not a literalQ265

- A. ☒ `class`
- B. ☒ `"class"`
- C. ☒ `true`

2. which is not a String literalQ272

- A. ☒ `'4'`
- B. ☒ `-"8"`
- C. ☒ `"a"`

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

- A. ☒ `true`
- B. ☒ `false`

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

- A. ☒ `true`
- B. ☒ `false`

5. we can assign same value to multiple variables of different data types in the same statementQ294

- A. ☒ `true`
- B. ☒ `false`

6. `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

```
7. 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

```
8. 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

9. 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:

```
10. 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

```
11. 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

```
12. 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

13. `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

14. `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
```

```
15. 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

```
16. 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

```
17. 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

18. 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

```
19. 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

```
20. 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

```
21. 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

```
22. 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

```
23. 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"
```

```
24. 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

```
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
```

```
25. 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
```

```
26. 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

```
27. 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

```
28. package nested;
```



```
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

29. package nested;

```
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

30. 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