

Mock Test-1

1

Find the output of the following code.

```
if(1 + 1 + 1 + 1 + 1 == 5){  
    System.out.print("TRUE");  
}else{  
    System.out.print("FALSE");  
}
```

☐ TRUE☐ code does not compile☐ Runtime error☒ FALSE

Incorrect

What is the output of the following code snippet?

```
int hops = 0;  
int jumps = 0;  
jumps = hops++;  
if(jumps)  
System.out.print("Jump!");  
else  
System.out.print("Hop!");
```

- ☐ Hop!
- ☐ The code compiles but throws an exception at runtime.
- ☐ Jump!
- ☒ The code does not compile.

Correct

Solve the following -

```
int a = 2,b=0;
```

```
char c = 'a';
```

```
int d = a++ - --a + ++b + ++c + --a + --c;
```

```
System.out.println(d)
```

☒ 197

☐ 200

☐ 198

☐ 195

Correct

Find the output of the following program.

```
public class Solution{  
    public static void main(String[] args){  
        short x = 10;  
        x = x * 5;  
        System.out.print(x);  
    }  
}
```

☒ code does not compile

☐ 10

☐ 50

☐ Exception

Correct

Given the following code snippet, what is the value of dinner after it is executed?

```
int time = 11;
```

```
int day = 4;
```

```
String dinner = time > 10 ? day ? "Takeout" : "Salad" :  
"Leftovers";
```

☐ The code does not compile but would compile if parentheses were added.

☒ None of the above

☐ Takeout

☐ Salad

Correct

```
package transporter;
public class Rematerialize {
    public static void main(String[] input) {
        int dog = 11;
        int cat = 3;
        int partA = dog / cat;
        int partB = dog % cat;
        int newDog = partB + partA * cat;
        System.out.print(newDog);
    }
}
```

- ☐ 9
- ☐ 15
- ☐ The code does not compile

☒ 11

Correct

Select the valid statement.

☐ `char [] ch = new char(5)`

☐ `[] char ch = new char[5]`

☒ `char [] ch = new char[5]`

☒ `char ch[] = new char[5]`

Correct

Which of the following series will be printed by the given pseudocode?

```
Integer a, b, c
Set b = 0, c = 0
for(each a from 1 to 5)
  print c
  b = b + 1
  c = c + b
end for
```

☐ 0 0 0 0 0

☒ 0 1 3 6 10

☐ 5 4 3 2 1

☐ 2 5 8 9 10

Correct

Which of the following series will be printed by the given pseudocode?

```
Integer a, b, c
Set b = 0, c = 0
for(each a from 1 to 5)
  print c
  b = b + 1
  c = c + b
end for
```

☒ 0 1 3 6 10

☐ 0 0 0 0 0

☐ 5 4 3 2 1

☐ 2 5 8 9 10

Correct

Find the output of the following code.

```
int ++a = 100;  
System.out.println(++a);
```

☒ code does not compile

☐ 101

☐ None

☐ 100

Correct

Input n = 5 and set y = 1
Integer i

```
if (n > 0)
  for (i = 1; i <= n; i = i + 1)
    y = y * i
  End for loop
  print y
else
  print "Invalid input"
```

☒ 120

☐ 24

☐ Invalid input

☐ 110

Correct

Find the output of the following program.

```
public class Solution{  
    public static void main(String[] args){  
        byte x = 127;  
        x++;  
        x++;  
        System.out.print(x);  
    }  
}
```

☐ 129

☐ 2

☐ 127

☒ -127

Correct

```
Integer x, y
Set x = 4, y = 8
do{
  Print x
  x = x + y + 1
}
while(x < 15)
end do while
```

☐ 4

☒ 4 13

☐ 15 17

☐ 14 26

Correct

Find the output of the following program.

```
public class Solution{  
    public static void main(String[] args){  
        int[] x = {120, 200, 016};  
        for(int i = 0; i < x.length; i++){  
            System.out.print(x[i] + " ");  
        }  
    }  
}
```

☒ 120 200 14

☐ 120 200 16

☐ None

☐ 120 200 016

Correct

Predict the output of the following pseudo-code

Integer $x = 1$, $y = 1$ $z = 1$

$x = y * z$

$z = y - z$

$y = z / y$

Print x , y , z

☐ 1 2 1

☐ 3 4 1

☒ 1 0 0

☐ 2 1 0

Correct