

Started on	Thursday, 2 September 2021, 5:01 PM
State	Finished
Completed on	Thursday, 2 September 2021, 5:06 PM
Time taken	5 mins 38 secs
Grade	4.00 out of 4.00 (100%)

Question **1**

Complete

Mark 1.00 out of 1.00

What is the output of the following?

```
class MyClass{  
  
public void main(String[] args){  
  
double x = 0;  
  
        double y = 0.1;  
  
        boolean b = (x = y);  
  
        System.out.println(b);  
  
}  
  
}
```

Select one:

- ☐ true
- ☐ false
- ☒ Compilation fails as it (should have been x==y)
- ☐ Compilation fails as double x = 0 should be typcasted to integer in Java

The correct answer is: Compilation fails as it (should have been x==y)

Question **2**

Complete

Mark 1.00 out of 1.00

For the below code snippet what should be X and Y if the output has to be as follows.

6,3

```
public static void main(String [] args)  
  
{  
  
    int x= 0;  
  
    int y= 0;  
  
    for (int z = 0; z < X; z++)  
  
        if (( ++x > 2 ) && (Y > 2))  
  
            x++;  
  
    System.out.println(x + "," + y);  
  
}
```

Select one:

- ☒ X= 5, Y = ++y
- ☐ X = 10 Y = y
- ☐ X = 5 Y = y++
- ☐ X = 6 Y = ++y

The correct answer is: X= 5, Y = ++y

Question **3**

Complete

Mark 1.00 out of

What is the output of the following Java program??

```
class Lab2{
```

Select one:

- ☒ Fails to compile as the Main method is not static
- ☐ Hello World
- ☐ Error as no argv as the arguments of the main() function like in C/C++
- ☐ Error as there must not exist a return statement to void function in Java

The correct answer is: Fails to compile as the Main method is not static

Question **4**

Complete

Mark 1.00 out of 1.00

**What is the output of the following?**

```
int i = 5;
```

```
while (i--) {
```

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

```
    i++;
```

```
}
```

Select one:

- ☒ Error stating an integer cannot be converted to boolean type
- ☐ The value of the variable i is printed Infinite number of times as the program goes in an infinite loop
- ☐ Buffer overflow
- ☐ 4 3 2 1

The correct answer is: Error stating an integer cannot be converted to boolean type

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