

<b>Started on</b>	Saturday, 1 October 2022, 12:00 PM
<b>State</b>	Finished
<b>Completed on</b>	Saturday, 1 October 2022, 12:10 PM
<b>Time taken</b>	10 mins
<b>Grade</b>	5.50 out of 8.00 (69%)

Question 1

Incorrect

Mark -0.50 out of 2.00

What will be the output of following code?

```
public class Main
{
    static int j;
    static void methodA(int i)
    {
        boolean b;
        do
        {
            b = i<10 | methodB(4);
            b = i<10 || methodB(8);
        }while (!b);
    }
    static boolean methodB(int i)
    {
        j += i;
        return true;
    }
    public static void main(String[] args)
    {
        methodA(0);
        System.out.println( "j = " + j );
    }
}
```

- ☐ a. code will run but no output
- ☐ b. j=4
- ☒ c. j=12
- ☐ d. j=8



Your answer is incorrect.

The correct answer is:

j=4

Question **2**

Correct

Mark 2.00 out of 2.00

What will be the output of the following code?

```
public class Main
{
    public static void main(String [] args)
    {
        double values[] = {-2.3, -1.5, 0, 4.15};
        int cnt = 0;
        for (int x=0; x < values.length; x++)
        {
            if (Math.round(values[x] - .5) == Math.floor(values[x]))
            {
                ++cnt;
            }
        }
        System.out.println("same results " + cnt + " time(s)");
    }
}
```

- ☒ a. same results 4 time(s)
- ☐ b. same results 2 time(s)
- ☐ c. same results 1 time(s)
- ☐ d. same results 3 time(s)



Your answer is correct.

The correct answer is:  
same results 4 time(s)

Question 3

Correct

Mark 2.00 out of 2.00

What will be the output of the following code?

```
public class Main
{
    public static void main(String [] args)
    {
        String s = "42";
        try
        {
            s = s.concat(".5");
            double d = Double.parseDouble(s);
            s = Double.toString(d);
            int x = (int) Math.ceil(Double.valueOf(s).doubleValue());
            System.out.println(x);
        }
        catch (NumberFormatException e)
        {
            System.out.println("bad number");
        }
    }
}
```

- ☐ a. bad number
- ☒ b. 43
- ☐ c. 42
- ☐ d. 42.5



Your answer is correct.

The correct answer is:

43

Question 4

Correct

Mark 2.00 out of 2.00

What will be the output of the following code

```
public class Test{  
  
    static int start = 2;  
    final int end;  
    public Test(int x) {  
        x = 4;  
        end = x;  
    }  
    public void fly(int distance) {  
        System.out.println(end-start+" ");  
        System.out.println(distance);  
    }  
    public static void main(String []args){  
        new Test(10).fly(5);  
    }  
}
```

- ☐ a. 6, 5
- ☐ b. 8, 5
- ☐ c. 4, 5
- ☒ d. 2, 5



Your answer is correct.

The correct answer is:  
2, 5

[◀ Lab 3 Quiz](#)

Jump to...



[Lab 5 Quiz ▶](#)