

[Dashboard](#) / [My courses](#) / [1154 CS F213](#) / [Topic 2](#) / [Lab 6 Quiz](#)

Started on	Saturday, 15 October 2022, 12:15 PM
State	Finished
Completed on	Saturday, 15 October 2022, 12:25 PM
Time taken	10 mins 1 sec
Grade	5.50 out of 8.00 (69%)

Question 1

Correct

Mark 2.00 out of 2.00

The following code will result in

```
interface Dog {  
    default String getValue(){  
        return "Dog";  
    }  
}  
  
interface Cat extends Dog{  
    default String getValue(){  
        return "Cat";  
    }  
}  
  
class Animal implements Cat{  
    public String getValue(){  
        return "Animal";  
    }  
}  
  
public class Main {  
    public static void main(String[] args){  
        Animal animal = new Animal();  
        System.out.println(animal instanceof Animal);  
        System.out.println(animal instanceof Cat);  
        System.out.println(animal instanceof Dog);  
    }  
}
```

- ☐ a. False
True
True
- ☐ b. True
False
True
- ☐ c. True
True
False
- ☒ d. True
True
True
- ☐ e. False
False
False



Your answer is correct.

The correct answer is: True

True

True

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) {

        C c=new C();
        System.out.println(c.max(1,2));
    }
}

class A {
    int max(int x,int y) {
        if(x>y)
            return x;
        else
            return y;
    }
}

class B extends A {
    int max(int x,int y) {
        return super.max(y,x)-2;
    }
}

class C extends B {
    int max(int x,int y) {
        return super.max(x+10,y+10);
    }
}
```

- ☐ a. 2
- ☒ b. 10
- ☐ c. 11
- ☐ d. 12



Your answer is correct.

The correct answer is:

10

Question 3

Correct

Mark 1.00 out of 1.00

Find output of the following code

```
interface Car
{
    int basePrice=1000;
}
public class Main implements Car
{
    void changePrice()
    {
        basePrice = 2000;
        System.out.print(basePrice);
    }
    public static void main(String[] args)
    {
        new Main().changePrice();
    }
}
```

- ☐ a. 1000
- ☐ b. Either 1000 or 2000
- ☐ c. 2000
- ☒ d. Compile Error



Your answer is correct.

The correct answer is:
Compile Error

Question 4

Correct

Mark 1.00 out of 1.00

What will be the output of the following code?

```
class A implements B {  
    public int methodB(int i) {  
        return i += i * i;  
    }  
}  
  
interface B {  
    int methodB(int i);  
}  
  
public class Main {  
    public static void main(String[] args) {  
        B b = new A();  
        System.out.println(b.methodB(2));  
    }  
}
```

- ☐ a. 2
- ☐ b. 6
- ☐ c. 8
- ☒ d. 4



Your answer is correct.

The correct answer is:

4

Question 5

Incorrect

Mark -0.50 out of 2.00

What will be the output of following code?

```
class X {
    int i = 101010;
    public X() {
        i = i++ + i-- - ++i;
    }
    static int staticMethod(int i) {
        return --i;
    }
}
class Y extends X {
    public Y() {
        System.out.println(staticMethod(i));
    }
}
public class Main {
    public static void main(String[] args) {
        Y y = new Y();
    }
}
```

- ☐ a. 101010
- ☒ b. 101008
- ☐ c. 101011
- ☐ d. 101009

✖

Your answer is incorrect.

The correct answer is:
101009

[◀ Lab 5 Quiz](#)

Jump to...

[Lab 7 Quiz ▶](#)