Started on	Wednesday, 19 October 2022, 6:40 PM
State	Finished
Completed on	Wednesday, 19 October 2022, 6:55 PM
Time taken	15 mins
Grade	**3.00** out of 10.00 (**30**%)

Question **1**

Correct

Mark 2.00 out of 2.00

Find the output of the following code.

```
abstract class A
{
    abstract void m1();
    A(){ System.out.print("Red" + " "); }
    static void m2() {System.out.print("Orange" + " "); }
}
class B extends A
{
    void m1()
    {
        A.m2();
        System.out.print("Pink" + " ");
    }
}
 class C extends B
 {
    void m3()
    {
        System.out.print("Green" + " ");
     }
 }
public class Main
{
    public static void main(String[] args)
    {
        C c = new C();
        c.m3();
        c.m1();
     }
}
```

- a. Red Green Orange Pink ✔
- b. Red Orange Green Pink
- c. Compilation Error
- d. Red Orange Pink Green

Your answer is correct.

The correct answer is:
Red Green Orange Pink

Question **2**

Correct

Mark 1.00 out of 1.00

Find the output of the following code:

```
abstract class A
{
    abstract void m1(A a);
}
class B extends A
{
    void m1(A a)
    {
        System.out.println("One");
    }
}

class C extends B
{
    void m1(B b)
    {
        System.out.println("Two");
        super.m1(new B());
    }
}
public class Main
{
    public static void main(String[] args)
    {
        C c = new C();
        c.m1(new B());
    }
}
```

a. None of these

b. One

Two

c. Two ✔

One

d. Compilation Error

Your answer is correct.

The correct answer is: Two
One

Question **3**

Not answered

Marked out of 2.00

Find the output of the following code.

```
class ClassOne
{
    int methodOne(int i, int j)
    {
        return i++ + ++j - ++i - j++;
    }
}
abstract class ClassTwo extends ClassOne
{
    abstract int methodOne(int i, int j, int k);

    @Override
    int methodOne(int i, int j)
    {
        return methodOne(i, j, i+j);
    }
}
class ClassThree extends ClassTwo
{
    @Override
    int methodOne(int i, int j, int k)
    {
        return --i - j-- + ++k - i++ + ++j - k--;
    }
}
public class Main
{
    public static void main(String[] args)
    {
        ClassOne one = new ClassOne();
        ClassThree three = new ClassThree();
        System.out.println(three.methodOne(one.methodOne(10101, 20202), one.methodOne(20202, 10101
            )));
    }
}
```

- a. 1
- b. 3
- c. 2
- d. 0

Your answer is incorrect.

The correct answer is:
0

Question **4**

Not answered

Marked out of 2.00

Find the output of the following code.

```
abstract class A
{
     private int x;
     A(int x){
      System.out.println("Value of x: " +x);
     }
  abstract void m1(int x, double y);
}
class B extends A
{
     private int y;
     B(int y)
     {
       super(10);
       System.out.println("Value of y: " +y);
    }
    void m1(int x, double y)
    {
        System.out.println("One");
     }
    void m2()
    {
        System.out.println("Two");
        this.m1(5, 10.50);
     }
}
class C extends B
{
     C(){
        super(30);
     }
     void m1(int x, double y)
     {
        super.m1(10, 15.15);
        System.out.println("Three");
      }
}
public class Main
{
    public static void main(String[] args)
    {
        B b = new C();
        b.m1(10, 20.50);
        b.m2();
    }
}
```

a. Value of x: 10
Value of y: 30
One
Three
Two
One
Three

b. Value of x: 10
Value of y: 30
One
Three
Two
One
Three

c. None of these

d. Value of x: 10

Value of y: 30

One

Two

Three

One

Three

Your answer is incorrect.

The correct answers are: Value of x: 10
Value of y: 30
One
Three
Two
One
Three,
Value of x: 10

Value of y: 30

One

Three

Two

One

Three

Question **5**

Not answered

Marked out of 2.00

What will be the output of the following program?

```
public class Final
{
    int lanif = 37;
    int nafi = 21;
    public static void main(String[] args)
    {
        final Final f = new Final();
        f.process2();
        Final f2 = modify(f);
        f2.process2();
    }
    public static final Final modify(final Final f)
    {
        f.process();
        Final f2 = new Final();
        f2.process();
        return f2;
    }
    final void process()
    {
        lanif = nafi + nafi;
        System.out.print(lanif + " " + nafi + " ");
    }
    void process2()
    {
        nafi = lanif / 2;
        System.out.print(nafi + " " + lanif + " ");
    }
}
```

- a. 42 21 21 42 18 37 36 18
- b. 18 37 36 18 18 37 36 18
- c. Compilation Error
- d. 18 37 36 18 42 21 21 42

Your answer is incorrect.

The correct answer is:
18 37 36 18 42 21 21 42

Question **6**

Not answered

Marked out of 1.00

Find the output of the following code.

```
abstract class A
{
    abstract void m1(int x, double y);
    abstract void m2(String name);
}
class B extends A
{
    void m1(int x, double y)
    {
        System.out.println("One");
    }
    void m2(String name)
    {
        System.out.println("Two");
    }
}
class C extends B
{
    static void m1()
    {
        super.m1(20, 30);
      }
 }
public class Main
{
    public static void main(String[] args)
    {
        C c = new C();
        c.m1();
    }
}
```

- a. Compilation Error
- b. One
- c. Runtime Error
- d. None of these

Your answer is incorrect.

The correct answer is:
Compilation Error

◄ Lab 6 Quiz

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Quiz 8 (28 Oct) ►