

QUIZ NAVIGATION

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Started on	Wednesday, 2 February 2022, 4:25 PM
State	Finished
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Time taken	13 mins 19 secs
Grade	Not yet graded

Question 1

Correct

Mark 4.00 out of 4.00

Flag question

What will be the output for the following program: *[MCQ, Marks 4]*

```
class P {
    public double x,y;
    public P(double a, double b) { x=a; y=b; }
    public String toString() { return "( "+x+", "+y+" )"; }
}

class R {
    public P TL,BR;
    public R(P p1, P p2) { TL=p1; BR=p2; }
    public String toString() { return "TL: "+TL+" BR: "+BR; }
    public void tls(R other) { P p = TL; TL=other.TL; other.TL=p;}
    public void brs(R other) { P p = BR; BR=other.BR; other.BR=p;}
    public void inctl() { TL.y++; }
    public void incbr() { BR.x++; }
}

public class Q2 {
    public static void main(String[] args) {
        R r1,r2,r3;
        r1 = new R(new P(2,3), new P(5,1));
        r2 = new R(new P(1,10), new P(9,4));
        r3 = new R(r1.TL, r2.BR);
        r3.inctl();
        r2.incbr();
        r2.brs(r1);
        r3.tls(r2);
        System.out.println(r3);
    }
}
```

Select one:

a. TL:(1.0,10.0)BR:(9.0,4.0)

b. TL:(1.0,10.0)BR:(10.0,4.0)

c. TL: None of the above.

d. TL:(2.0,3.0)BR:(9.0,4.0)

Your answer is correct.

The correct answer is:  
TL:(1.0,10.0)BR:(10.0,4.0)

Question 2

Complete

Marked out of 4.00

Flag question

Write the output for the following program: *[Short Answer, Marks 4]*

```
public class Q3 {
    public static void main(String[] args) {
        System.out.print(new C(50).a);
    }
}

class A {
    public double a,d;
    public void abc() { if(d>13) d = d + a/2; else d = a/2; }
}

class B extends A {
    public void abc() {
        d = d + a/4; a = a - d;
        if(d>10) super.abc(); else d = d - a/4;
    }
}

class C extends B {
    public C(double x) {
        d=0; a = x;
        if(a>10) super.abc(); if(d<a) a = a - d;
    }
}
```

18.75

Question 3

Correct

Mark 2.00 out of 2.00

Flag question

What will be the outcome of compiling and running the following program? *[MCQ, Marks 2]*

```
public class Q1 {
    public static void main(String[] args) {
        int i = 10;
        String j = "20";

        if((i+j) == (j+i)) {           // Line L1
            System.out.println("Equal");
        }
        else {
            System.out.println("Not Equal");
        }

        while(1) {                     // Line L2
            System.out.println("Test");
        }
    }
}
```

Select one:

a. Compilation error in Line L1

b. Prints Not Equal followed by infinite Test.

c. Prints Equal followed by infinite Test.

d. Compilation error in Line L2

Your answer is correct.

The correct answer is:  
Compilation error in Line L2