

Quiz 02

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Course : CSE215

Section : 03.

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Ans to the QNO-1

```
class Point {  
    private int x;  
    private int y;  
  
    public Point() {  
    }  
    public Point(int x, int y) {  
        this.x = x;  
        this.y = y;  
    }  
    public int getX() {  
        return this.x;  
    }  
    public int getY() {  
        return this.y;  
    }  
}
```

3.

```
public void setX(int x) {
```

```
    this.x = x;
```

```
}
```

```
public void setY(int y) {
```

```
    this.y = y;
```

```
}
```

```
public String toString() {
```

```
    return "(" + this.x + "," + this.y  
        + ")";
```

```
}
```

```
public double getDistance(Point p) {
```

```
    return Math.sqrt((Math.pow(x - p.getX(),
```

```
2)) + (Math.pow(y - p.getY(), 2)));
```

```
}
```

}

```
public class Main {  
    public static void main (String[] args) {
```

Ans to the QNO: 02

```
public class Main {  
    public static void main (String[] args) {
```

```
        Point p1 = new Point (n1, n2);
```

```
        Point p2 = new Point (n3, n4);
```

```
        Double distance1 = p1.getDistance (p2);
```

```
        System.out.println (distance1);
```

```
        Point p1 = new Point (1, 0);
```

```
        Point p2 = new Point (7, 9);
```

```
        Double distance2 = p1.getDistance (p2);
```

```

        System.out.println("distance 2");
    }
}

```

Ans to the QNO: 03:

```

public class Main {
    public static void main(String[] args) {
        Point p3[] = new Point[n4+5];
        for (int i = 0; i < p3.length; i++) {
            p3[i] = (int)((n1+n3)+Math.random()*
                ((n2+10)-(n1+n3)+1));
        }
    }
}

```

```
int n1 = 1;
```

```
int n2 = 0;
```

```
int n3 = 7;
```

```
int n4 = 9;
```

```
for (int i = 0; i < p3.length; i++) {
```

```
    p3[i] = (int)(8 + Math.random() * 9);
```

```
}
```

```
}
```

```
}
```

```
}
```