

OPERATORS QUESTIONS

@xnki7 – Ankit Gupta

Q1: What will be the output of the following programs:

(i)

```
public class Test {  
    public static void main(String[] args){  
        int x = 2, y = 5;  
        int exp1 = (x * y / x);  
        int exp2 = (x * (y / x));  
        System.out.print(exp1 + " , ");  
        System.out.print(exp2);  
    }  
}
```

(ii)

```
public class Test {  
    public static void main(String[] args) {  
        int x = 200, y = 50, z = 100;  
        if(x > y && y > z){  
            System.out.println("Hello");  
        }  
        if(z > y && z < x){  
            System.out.println("Java");  
        }  
        if((y+200) < x && (y+150) < z){  
            System.out.println("Hello Java");  
        }  
    }  
}
```

(iii)

```
public class Test {  
    public static void main(String[] args){  
        int x, y, z;  
        x = y = z = 2;  
        x += y;  
        y -= z;  
        z /= (x + y);  
        System.out.println(x + " " + y + " " + z);  
    }  
}
```

(iv)

```
public class Test {  
    public static void main(String[] args){  
        int x = 9, y = 12;  
        int a = 2, b = 4, c = 6;  
        int exp = 4/3 * (x + 34) + 9 * (a + b * c) + (3 + y * (2 +  
a)) / (a + b*y);  
        System.out.println(exp);  
    }  
}
```

(v)

```
public class Test {  
    public static void main(String[] args){  
        int x = 10, y = 5;  
        int exp1 = (y * (x / y + x / y));  
        int exp2 = (y * x / y + y * x / y);  
        System.out.println(exp1);  
        System.out.println(exp2);  
    }  
}
```

@xnki7 - Ankit Gupta