

## **ASSIGNMENT-1**

Q1- public class ComplexExample1 {  
    public static void main(String[] args) {  
        int a = 5;  
        int b = 3;  
        int c = a++ \* --b + 2 \* a-- / ++b;  
        System.out.println(a + " " + b + " " + c);  
    }  
}

OUTPUT: 5 3 14

Q2-public class ComplexExample2 {  
    public static void main(String[] args) {  
        int x = 8;  
        int y = 2;  
        int z = x++ \* --y + 2 \* x-- / ++y - x++;  
        System.out.println(x + " " + y + " " + z);  
    }  
}

OUTPUT: 9 2 9

Q3-

public class ComplexExample3 {  
    public static void main(String[] args) {  
        int a = 5;  
        int b = 10;  
        int c = ++a \* b-- + 2 \* a++ / --b - a--;  
        System.out.println(a + " " + b + " " + c);  
    }  
}

OUTPUT: 6 8 54

Q-4

```
public class ComplexExample4 {  
    public static void main(String[] args) {  
        int x = 6;  
        int y = 3;  
        int z = x++ * --y + 2 * x-- / ++y - x++ + y--;  
        System.out.println(x + " " + y + " " + z);  
    }  
}
```

OUTPUT: 7 2 13

Q-5

```
public class ComplexExample4 {  
    public static void main(String[] args) {  
        int x = 6;  
        int y = 3;  
        int z = x++ * --y + 2 * x-- / ++y - x++ + y--;  
        System.out.println(x + " " + y + " " + z);  
    }  
}
```

OUTPUT: 7 2 13

Q-6

```
public class ComplexExample5 {  
    public static void main(String[] args) {  
        int a = 7;  
        int b = 2;  
        int c = a-- * --b + 2 * a++ / ++b - a-- + b++;  
        System.out.println(a + " " + b + " " + c);  
    }  
}
```

OUTPUT: 6 3 8

Q7

```
public class ComplexExample6 {  
    public static void main(String[] args) {  
        int x = 5;  
        int y = 2;  
        int z = x++ * --y + 2 * x-- / ++y - x++ + y-- * 3;  
        System.out.println(x + " " + y + " " + z);  
    }  
}
```

OUTPUT: 6 1 12

Q-8

```
public class ComplexExample7 {  
    public static void main(String[] args) {  
        int a = 4;  
        int b = 3;  
        int c = a++ * --b + 2 * a-- / ++b - a-- + b++ * 4 / 2;  
        System.out.println(a + " " + b + " " + c);  
    }  
}
```

OUTPUT: 3 4 13

Q-9

```
public class ComplexExample8 {  
    public static void main(String[] args) {  
        int x = 5;  
        int y = 3;  
        int z = x++ * --y + 2 * x-- / ++y - x++ + y-- * 3 / 2;  
        System.out.println(x + " " + y + " " + z);  
    }  
}
```

OUTPUT: 6 2 13

Q-10

NAME-KAVETI KAMALI

```
public class ComplexExample9 {  
    public static void main(String[] args) {  
        int a = 6;  
        int b = 3;  
        int c = a++ * --b + 2 * a-- / ++b - a-- + b++ * 4 / 2 - --a;  
        System.out.println(a + " " + b + " " + c);  
    }  
}
```

OUTPUT: 4 4 12

Q-11

```
public class ComplexExample10 {  
    public static void main(String[] args) {  
        int x = 7;  
        int y = 2;  
        int z = x++ * --y + 2 * x-- / ++y - x++ + y-- * 3 / 2 - --x;  
        System.out.println(x + " " + y + " " + z);  
    }  
}
```

OUTPUT: 7 1 4

Q-12

```
public class AdvancedExample1 {  
    public static void main(String[] args) {  
        int a = 8;  
        int b = 3;  
        int c = a++ * --b + 2 * a-- / ++b - a-- + b++ * 4 / 2 + --a;  
        System.out.println(a + " " + b + " " + c);  
    }  
}
```

OUTPUT: 6 4 26

Q-13

```
public class AdvancedExample2 {  
    public static void main(String[] args) {
```

NAME-KAVETI KAMALI

```
int x = 5;
int y = 3;
int z = x++ * --y + 2 * x-- / ++y - x++ + y-- * 3 / 2 + --x;
System.out.println(x + " " + y + " " + z);
}
}
```

OUTPUT: 5 2 18

Q-14

```
public class AdvancedExample3 {
    public static void main(String[] args) {
        int a = 6;
        int b = 3;
        int c = a++ * --b + 2 * a-- / ++b - a-- + b++ * 4 / 2 + --a;
        System.out.println(a + " " + b + " " + c);
    }
}
```

OUTPUT: 4 4 20

Q-15

```
public class AdvancedExample3 {
    public static void main(String[] args) {
        int a = 6;
        int b = 3;
        int c = a++ * --b + 2 * a-- / ++b - a-- + b++ * 4 / 2 + --a;
        System.out.println(a + " " + b + " " + c);
    }
}
```

OUTPUT: 4 4 20

Q-16

```
public class AdvancedExample4 {
    public static void main(String[] args) {
        int x = 7;
        int y = 2;
```

NAME-KAVETI KAMALI

```
        int z = x++ * --y + 2 * x-- / ++y - x++ + y-- * 3 / 2 + --x;
        System.out.println(x + " " + y + " " + z);
    }
}
```

OUTPUT: 7 1 18

Q-17

```
public class AdvancedExample5 {
    public static void main(String[] args) {
        int a = 8;
        int b = 2;
        int c = a-- * ++b + 2 * a++ / --b - a-- + b++ * 4 / 2 + ++a;
        System.out.println(a + " " + b + " " + c);
    }
}
```

OUTPUT: 8 3 35

Q-18

```
public class AdvancedExample7 {
    public static void main(String[] args) {
        int a = 7;
        int b = 2;
        int c = a-- * ++b + 2 * a++ / --b - a-- + b++ * 4 / 2 + ++a;
        System.out.println(a + " " + b + " " + c);
    }
}
```

OUTPUT: 7 3 31

Q-19

```
public class AdvancedExample10 {
    public static void main(String[] args) {
        int x = 10;
        int y = 3;
        int z = x++ * --y + 2 * x-- / ++y - x++ + y-- * 3 / 2 + --x;
        System.out.println(x + " " + y + " " + z);
    }
}
```

NAME-KAVETI KAMALI

```
}  
}
```

OUTPUT: 10 2 31

Q-20

**Give the output of this code**

```
int a = 9;  
a++;  
System.out.println (a);  
a -= a - - - a;  
System.out.println (a);
```

OUTPUT: 10

8