

NAME : JAYAHARSHA VARDHAN REDDY THIPPANNAGARI

COURSE : JAVA G14

ASSIGNMENT-1

Q1 ComplexExample1

```
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- ComplexExample2

```
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

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Q3- ComplexExample3

```
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 ComplexExample4

```
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 ComplexExample4

```
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

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Q-6 ComplexExample5

```
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 ComplexExample6

```
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 ComplexExample7

```
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

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Q-9 ComplexExample8

```
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 ComplexExample9

```
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 ComplexExample10

```
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

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Q-12 AdvancedExample1

```
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 AdvancedExample2

```
public class AdvancedExample2 {  
    public static void main(String[] args) {  
        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 AdvancedExample3

```
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

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Q-15 AdvancedExample3

```
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 AdvancedExample4

```
public class AdvancedExample4 {  
    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 18

Q-17 AdvancedExample5

```
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

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Q-18 AdvancedExample7

```
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 AdvancedExample10

```
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);  
    }  
}
```

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