**ASSIGNMENT-1**

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G-14 JAVA

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:** 5314

**---------------------------------------------------------------------**

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:**929

**--------------------------------------------------------------------**

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:**6894

-----------------------------------------------------------------------

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:**7213

**---------------------------------------------------**

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:**7213

**---------------------------------------**

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:**638

**---------------------------------------------**

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:**6112

**----------------------------------------------------------------------------------**

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:**3413

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:**6213

Q-10

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:**4412

**---------------------------------------------------------------------------------------**

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:**714

**-------------------------------------------------------------------------------**

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:**6426

**-----------------------------------------------------------------------------------------**

Q-13

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:5218**

**-----------------------------------------------------------**

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:4420**

**----------------------------------------------------------------------------------**

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:4420**

**------------------------------------------------------------------------------------**

Q-16

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:7118**

**----------------------------------------------------------------------------------**

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:8335**

**----------------------------------------+--------------------------------------------------**

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:7331**

**----------------------------------------------------------------------------------------------**

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);

}

}

**OUTPUT:10231**

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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**

**10**