**Assignment Java Operators(Day 6)**

1. a =5>2!=2||2<5!=5; find output(Ans. 1)
2. a=2>5!=2<5&&8>5==2<5; find output(Ans1)
3. a=5>8?10:2<5!=1?20:5>2?30:40; find output(Ans 30)
4. Int x,y,z,max;

x=5;y=50;z=20;

if(x>y && x>z)

{

max=x;

}

if(y>x && y>z)

{

max=y;

}

if(z>x && z>y)

{

max=z

}

Find max=50

5. int a;

a=1;

a = ++a + ++a;

int b= a++;

System.out.println(a);6

System.out.println(b);5

6.int a;

a=5;

Int b= --a + --a + a--;

a=b++;

System.out.println(a);10

System.out.println(b);11

Find Output=?

7.int a;

a=1;

a=a++ + a++ + a++;(Ans 6)

Find Out=?

1. WAP to swap 3 value without 4th variable
2. Class Swap
3. {
4. Public static void main()
5. {
6. Int a=10;b=20,c=30;
7. a=a+b+c;
8. b=a-(b+c);
9. c=a-(b+c);
10. a=a-(b+c);
11. System.out.print(“swapped value” +a);
12. System.out.print(“swapped value” +b);
13. System.out.print(“swapped value” +c);

}}

9. In the following program, explain why the value "6" is printed twice in a row:

class PrePostDemo {

public static void main(String[] args){

int i = 3;

i++;

System.out.println(i); // "4"

++i;

System.out.println(i); // "5"

System.out.println(++i); // "6"because here we are doing the pre increment

System.out.println(i++); // "6"

System.out.println(i); // "7"

}

}

10. What is the difference in between ++x and x++ operator.

In ++x first we will do the increment then print the value and in X++ first we will print the do the increment