**Assignment Java Operators(Day 6)**

* a =5>2!=2||2<5!=5; find output
* 1
* a=2>5!=2<5&&8>5==2<5; find output
* 1
* a=5>8?10:2<5!=1?20:5>2?30:40; find output
* 2,20,30
* 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);//2,2

System.out.println(b);//1

6.int a;

a=5;

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

a=b++;

System.out.println(a);//5

System.out.println(b);//4,4,5

Find Output=?

7.int a;

a=1;

a=a++ + a++ + a++;

Find Out=?1,1,1

8. WAP to swap 3 value without 4th variable.

a=

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"

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

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

}

}

value 6 is printed twice because in the first phase print i that is value is 4 the afetr that the value of i is 5 then we use pre increment that is ++i then the value of i is 6 and then we use i++ in which first we print the value 6 then we increment so thats why both the case the value is 6

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

++x in which it will increment the value then print and in x++ in which it will print the value of x then increment.