

//All Cases:

int m = 5;

m++; // → 6

int n = m++; → n = 6, m = 7

n++;

m = 7, n = 7

int o = m++ + n++ + m + n;

System.out.println("Value of m is - "+m);

System.out.println("Value of n is - "+n);

System.out.println("Value of o is - "+o);

→ 8

→ 8

→ 30

14

+

16

+

8 + 8

= 30

8

~~7~~ 6

~~5~~

m

~~7~~ 8

~~6~~

n

30

o

PreIncrement: `int a = 10;`

case 1: `++a;`

case 2: `sys (1) (++a);` `1111`



case 3: `int b = ++a;`



int a = 2;

++a; $\rightarrow 3$

System.out.println("Value of a is - "+a); // 3

++a; // 4

int b = a + ++a; $\rightarrow 4 + 5 = 9$

++b; // 10

System.out.println("Value of b is - "+b); $\rightarrow 10, a = 5$

int c = a + b + ++a + ++b; // $5 + 10 + 6 + 11 = 32$

System.out.println("Value of a is - "+a); 6

System.out.println("Value of b is - "+b); $\rightarrow 11$

System.out.println("Value of c is - "+c); $\rightarrow 32$

6
5 4 3 2
a

~~10~~ 11
~~9~~
b

32
c

//Ex1:

```
int a = 2;  
int b = 5;  
int c = a++ + b++ + a + ++b + ++a;  
System.out.println("value of a is = "+ a);  
System.out.println("value of b is = "+ b);  
System.out.println("value of c is = "+ c);
```

//Ex2:

```
int x=11;  
System.out.println(x++ + ++x );  
System.out.println(x);
```

//Ex3:

```
int m =100;  
m++ ;  
++m ;  
int n = m + ++m + m++ + m;  
System.out.println(n);  
System.out.println(m);  
  
n++;  
System.out.println(++n);
```