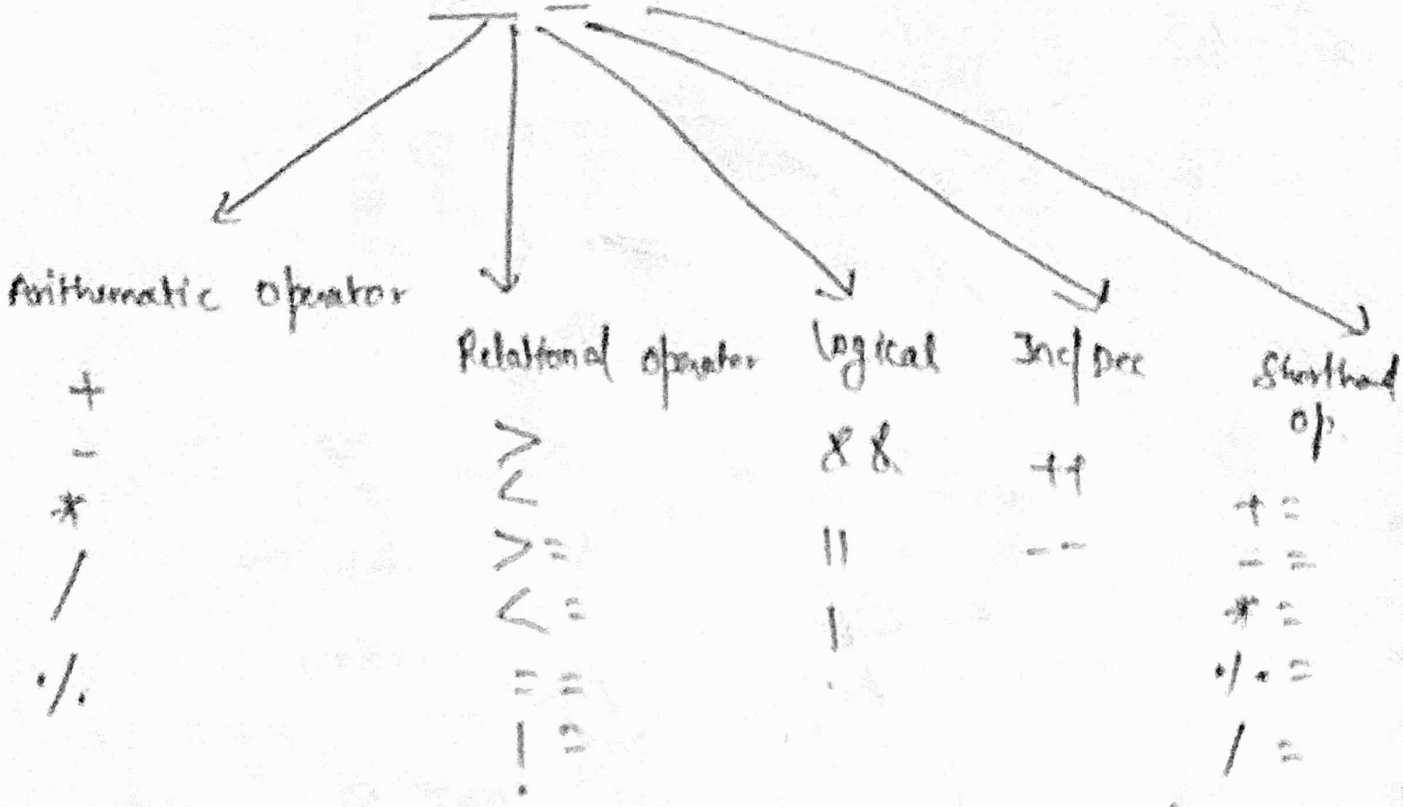
:- Operators :-



for ex.

a = a+b

Can also

a += b;

Point to Remember :-

1) In java also int/int = int

2) But 10/4.0 = 2.5 , 10.0/4 = 2.5

3) All Relational operator Return True, false & Never Return 1 or 0.

1) int a;

a = 10/4

2 Ans

2) int a;

a = 10/4.0;

int ↓ double

X

X Not Run.

3) float a;

a = 10/4;

float ↓ int ↓ 2

2.0 Ans

4) float a;

a = 10/4.0

float ← double

2.5 Ans

X

Solution

float a;

a = 10/4.0

Solutions :-

double a;

a = 10/4.0

2.5

float a;

a = (float) 10/4.0

2.5

In Java :-

```
int a = 1 ;
int b ;
b = !a
```

X

```
boolean a = true ;
boolean b ;
b = !a
```

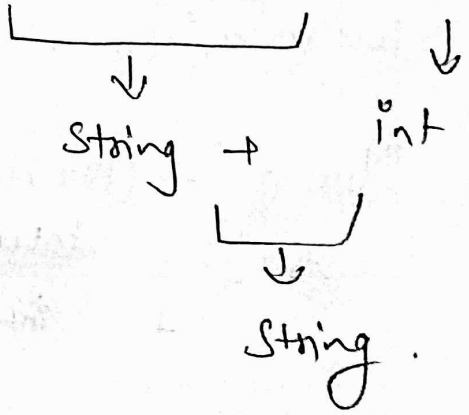
b contain false

-: Display Value of Variable :-

```
class Demo
{
    public static void main (String [] args)
    {
        int a = 10
        System.out.println (a)
    }
}
```

We required this Output :- The value of a is 10

```
Class Demo
{
    Public static void main (String [] args)
    {
        int a = 10;
        System.out.println ("the value of a is" + a);
    }
}
```



Print( )

1) "Good" + "Morning" → GoodMorning
   Str Str → Str

2) 10+20 → 30
   int int int

3) "Good" + 10 → Good10
   Str int Str

4) 10 + "Good" → 10Good
   int Str Str

5) "Good" + 10+20 → Good1020
   Str int
   → Str + int → Str

6) 10+20 + "Good" → 30Good

7) "Good" + (10+20) → Good30
   Str int+int
   + int → Str