Operators

```
Operators:-
                   The operators are special symbol that persons special symbol that special 
                 The operators are two or three operands specific operations on one, two or three operands
                 sotur a segulto
                Types of operators:-
                1. Aisthmetic Operator.
                 2. Comparision Operator/ Relational Operator
                3. Assignment operator
               4. Logical operator
              5. Bitwise operator
    Aistumetic Operatos:
               Aisthmetic Operators are used to perform aisthmetic
              Operations on the operands.
     =>+,-,*,1,%, **,11
Assignment Operator:
   used to assign a values to vagiables.
  =) =, +=, -=, *=, /=, **=, /=, **=, /=, *=
  8x = 3
           2 **= 2
                Point (x) #9
```

Relational (compasision Operators:

- . Used to compage values. They return a boolean value True or False.
- · == , >, < , !=, >= , <=

Logical Operator:

Logical operator returns a boolean value by Evaluating boolean Expressiona

- > and
- 708
- > not.

Logical And:

- => true true true
- -> true False False_
- => False true false
 - => false false false

Logical OR:

- =) true true true OIP
- =) true false true
- =) false true true
- =) false false false.

Logical Not:

tue False

false true

BHWISE Operator: Bittolie operators are used to compase (binasy) have) AND (2) The operators compare each bit and set it to like both are I other wike it set to o. OP Ex: 623 6= 110 010 3 = 011 10 010 -3 11 1 → OR(1) The OR(1) operator compases each bit and set it to I if one or both is I. Ottoswise it returns 50+ to 0. 11 1 =) XOR (1) The 1 operators compages each bit and set it to I if only one 'I' is there. Otherwise it seto to Zego (4 both age 0 (9) 1) +

NOT (~)

The ~ operator invests each bit (o becomes 1 al

0 1

Si becomes -4

Left shift (<<)

The 24 operates inserts the specified number of 0's live that the sight and let the same amount of lettmost by fall att.

Right Shift (>>):-

The >> operators moves each bit the specified number of times to the right. Empty holes at the left are filled with 015.

Ex:- .8= .0000.0000 0000 1000