## **Unary operators**

Unary operators are the type that need only one operand to perform any operation.

- 1. Minus(-)
- 2. Plus(+)
- 3. Increment (++)
  - a) Post-increment (n++)
  - b) Pre-increment (++n)
- 4. Decrement (--)
  - a) Post-decrement (n--)
  - b) Pre-decrement (--n)
- 5. NOT (!)

This is used to convert true to false (or) false to true.

Eg: if a = !true then a = false

6. Bitwise Complement (~)

This represents the one's complementary of the input value or operand Which means all bits are converted, from every 1 to 0 and every 0 to 1

Eg: 
$$6 = 0110$$
  
 $^{6} = 1001 = 9$ 

## **Big Integer**

Big Integer is a class that extends numbers and implements Comparable interface . It provides all the operations and methods done by integers.

Initialization

BigInteger bigInt = new BigInteger("8")

BigInteger A = BigInteger.valueof(6)