

## Unary Operators

### **Not operator(!):-**

This is used to convert true to false or vice versa. Basically, it reverses the logical state of an operand.

### **Bitwise Complement(~):-**

This unary operator returns the one's complement representation of the input value or operand, i.e, with all bits inverted, which means it makes every 0 to 1, and every 1 to 0.

Example-

Boolean of 6 is 0110.

Complement of 6 is 1001, that is 9.

## BigInteger Class

BigInteger class is used for the mathematical operation which involves very big integer calculations that are outside the limit of all available primitive data types.

In Java, you can work with large integers using the `java.math.BigInteger` class. This class allows you to perform arithmetic operations on integers of any size without being constrained by the range of primitive data types like 'int' or 'long'.