**Types of Operators**

There are three flavors of Operators exist:

* Binary
* Unary
* Ternary -> ? :
* Others -> +, - … \*, /, % … <, >, <=, >=, instanceof … ==, != ... &, ^, |… &&, || … =, \*=, /=, -=, +=

*Operator precedence*, order of the operator is applied.

If parentheses are applied to the operator, it follows order in which parentheses are took place.

**Post-unary operators** **->** expression++, expression--

**Pre-unary operators** **->** ++expression, --expression

**Other unary operators** **->** -, !, (type ‘cast’)

**Multiplication/division/modulus** **->** \*, /, %

**Addition/subtraction** **->** +, -

**Relational operators ->** <, >, <=, >=, instanceof

**Equal to/not equal to ->** ==, !=

**Logical operators ->** &, ^, |

**Short-circuit logical operators ->** &&, ||

**Ternary operators boolean expression ->** ? expression1 : expression2

**Assignment operators ->** =, +=, -=, \*=, /=