**Operators in Java:**

Types of Operators in Java:

1. Basic Arithmetic Operators
2. Assignment Operators
3. Auto-increment and Auto-decrement Operators
4. Logical Operators
5. Comparison (relational) operators
6. Ternary Operator

**Auto Increment and Auto Decrement Operators:**

++ and --

num1++ is num1 = num1+1

num-- is num1 = num1-1

**package** FPPackage;

**public** **class** ArithmaticOperators {

**public** **static** **void** main(String[] args) {

**int** num1 = 10;

System.***out***.println(num1);

num1++;

System.***out***.println(num1);

num1--;

System.***out***.println(num1);

}

}

**Logical Operators:**

Logical operators: &&, || and !

**package** FPPackage;

**public** **class** ArithmaticOperators {

**public** **static** **void** main(String[] args) {

**int** num1 = -10;

**int** num2 = -5;

**boolean** test = **false**;

**if**(num1 > 0 && num2 >0) {

System.***out***.println("Both values are greater than 0");

}

**else** **if**(num1 > 0 || num2 > 0) {

System.***out***.println("One of the values is greater than 0");

}

**else** {

System.***out***.println("Both values are less than 0");

}

**if**(test) {

System.***out***.println("It is true");

}

**if**(!test) {

System.***out***.println("It is false");

}

}

}