

Operators: Operators are special symbols used in java for specific purposes.

Arithmetic Operators: These arithmetic operators, like the name suggest, are used in performing various arithmetic operations. They are as follows:

+	Addition	-	 ;	*	Multiplication
/	Division	%	Modulo (Remainder)		

Relational Operators: Used to compare values of 2 operands.

Operator	Description	Sample Condition	Description of Sample Condition
==	Equal To	A==B	Will be TRUE if values of A and B are equal
>	Greater Than	A>B	Will be TRUE if value of A is greater than B
<	Less Than	A<B	Will be TRUE if value of A is less than B
>=	Greater or Equal To	A>=B	Will be TRUE if value of A is greater than or equal to B
<=	Less or Equal To	A<=B	Will be TRUE if value of A is less than or equal to B
!=	Not Equal To	A!=B	Will be TRUE if value of A is not equal to B

Logical Operators: Used to combine two conditions or negate a condition. While execution, it follows the precedence as (), !, &&, || (i.e Brackets, NOT, AND, OR)

Operator	Description	Sample Compound Condition	Description of Sample Compound Condition
&&	AND	Age>=60 && Gender == 'M'	Will be TRUE if both conditions are TRUE
	OR	Age>=60 Gender == 'M'	Will be TRUE if any of/both the conditions is/are TRUE
!	NOT	!(Amount>1000)	Will be TRUE if condition mentioned in the brackets is not TRUE