The Relational Operators

There are following relational operators supported by Java language.

Assume variable A holds 10 and variable B holds 20, then −

[Show Examples](https://www.tutorialspoint.com/java/java_relational_operators_examples.htm)

|  |  |  |
| --- | --- | --- |
| **Operator** | **Description** | **Example** |
| == (equal to) | Checks if the values of two operands are equal or not, if yes then condition becomes true. | (A == B) is not true. |
| != (not equal to) | Checks if the values of two operands are equal or not, if values are not equal then condition becomes true. | (A != B) is true. |
| > (greater than) | Checks if the value of left operand is greater than the value of right operand, if yes then condition becomes true. | (A > B) is not true. |
| < (less than) | Checks if the value of left operand is less than the value of right operand, if yes then condition becomes true. | (A < B) is true. |
| >= (greater than or equal to) | Checks if the value of left operand is greater than or equal to the value of right operand, if yes then condition becomes true. | (A >= B) is not true. |
| <= (less than or equal to) | Checks if the value of left operand is less than or equal to the value of right operand, if yes then condition becomes true. | (A <= B) is true. |

The Logical Operators

The following table lists the logical operators −

Assume Boolean variables A holds true and variable B holds false, then −

[Show Examples](https://www.tutorialspoint.com/java/java_logical_operators_examples.htm)

|  |  |  |
| --- | --- | --- |
| **Operator** | **Description** | **Example** |
| && (logical and) | Called Logical AND operator. If both the operands are non-zero, then the condition becomes true. | (A && B) is false |
| || (logical or) | Called Logical OR Operator. If any of the two operands are non-zero, then the condition becomes true. | (A || B) is true |
| ! (logical not) | Called Logical NOT Operator. Use to reverses the logical state of its operand. If a condition is true then Logical NOT operator will make false. | !(A && B) is true |