Explain the different types of operators in Java.

There are several operator within java and they serve different purpose.

1. Arithmetic operator:

These operator are used to perform basic calculations.

* Addition(+)
* Subtraction(-)
* Multiplication(\*)
* Division(/)
* Modulus(%)

Comparison operators:

These operators are used to compare two values.

* **==** (Equal to)
* **!=** (Not equal to)
* **>** (Greater than)
* **<** (Less than
* **>=** (Greater than or equal to)
* **<=** (Less than or equal to):

**Logical Operators**

These operators are used to perform logical operations and combine multiple conditions.

* **&&** (Logical AND)
* **||** (Logical OR)
* **!** (Logical NOT)

**Assignment Operators**

These operators are used to assign values to variables.

* **=** (Simple Assignment)
* **+=** (Add and Assign)
* **-=** (Subtract and Assign)
* **\*=** (Multiply and Assign)
* **/=** (Divide and Assign)
* **%=** (Modulus and Assign)