

## What are java literals or values?

Literals are identifier, in java we have three types of literals.

**1. Numeric Literals:** this type of literals are like numeric/number/digit(0-9) type literals.

Numeric type of literals can again divided into two types,

- **Integer type literals:** Non-decimal value type of values are called integer literals.

Example: 129, 3422, -431001, 503310, -3544646...etc

- **Floating point literals:** Decimal type of values are called floating point literal.

Example: 456.56, 46477.67, 345.56E-4, -78.56, -487484.45.....etc.

**2. Character Literals:** These character value type values are again divided into two types.

- **Single Character literals:** we represent single character values in single quotes(' ').

Example: 'A', '1', '5', '+', '%', etc....

**Note:** In single character literal we unable to store more then one character.

For example:- '12', 'Hello', 'India' => **invalid**, reason to store more than one character we are using string character literals.

- **String Character literals:** we represent string character values in double quotes(" ").

Example: "India", "akash123@gmail.com"

**3. Boolean Literals:** this type of literals are like to validation type literal, which means boolean literal consist only two values(**true/false**).

Which means

**true => 1**

**false => 0**

