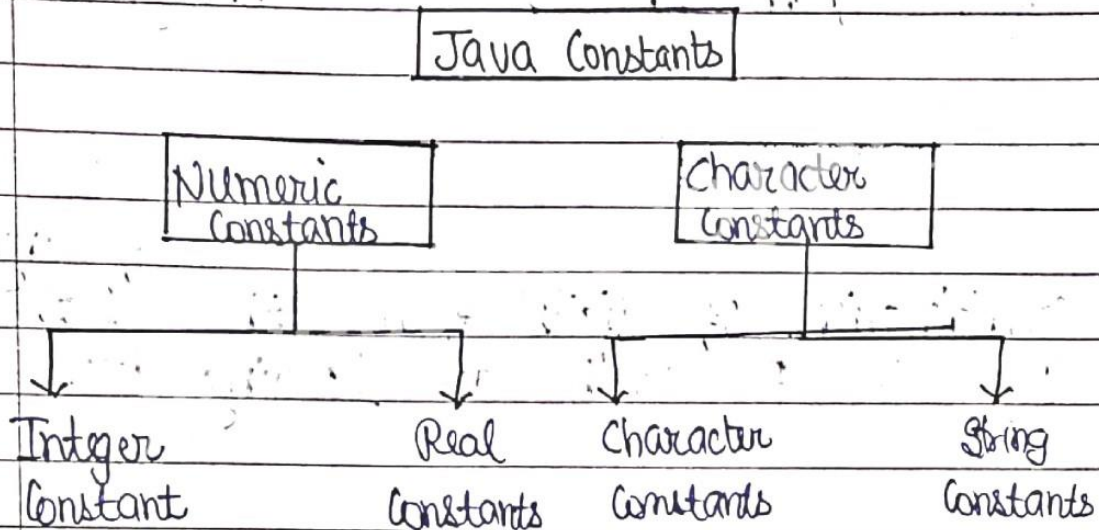


# CONSTANTS

Constants in Java refer to fixed values that do not change during the execution of a program.

## Types of Java Constants



### 1. Integer Constants :-

Integer Constants refer to a sequence of digits.

It includes only negative or positive values.

- o It have three types :-
  - a. Decimal Integer Constant,
  - b. Octal " "
  - c. Hexadecimal " "

a. Decimal Integer Constants :- It consists of a set of digits 0 through 9, preceded by an optional or + sign. (1, 3, 7, 65)

b. Octal Integer Constants :- It consists of any combination of digits from the set 0 through 7. (038, 0432, 028)

c. Hexadecimal Integer Constants :- It consists of any combination of digits from the set 0 through F, with an leading 0x. (0x4, 0x552)

2. Real Constants :-

• Integers numbers are unable to represent distance, Height, temperature, price and so on.

→ These information are containing fractional parts or real parts like 56.890 such numbers are called "Real or floating point constants".

### 3. Single Character Constants:-

- A character is a single Alphabet a single digit or a single symbol that is enclosed in pair of single quote marks.

Example :- '5', 'x', ';'.

### 4 String Constants:-

- String is a sequence of character Enclosed between double quotes.
- The character may be alphabets, digits, special character and blank spaces.

Example :- "jpwebdevelopers" "1998".