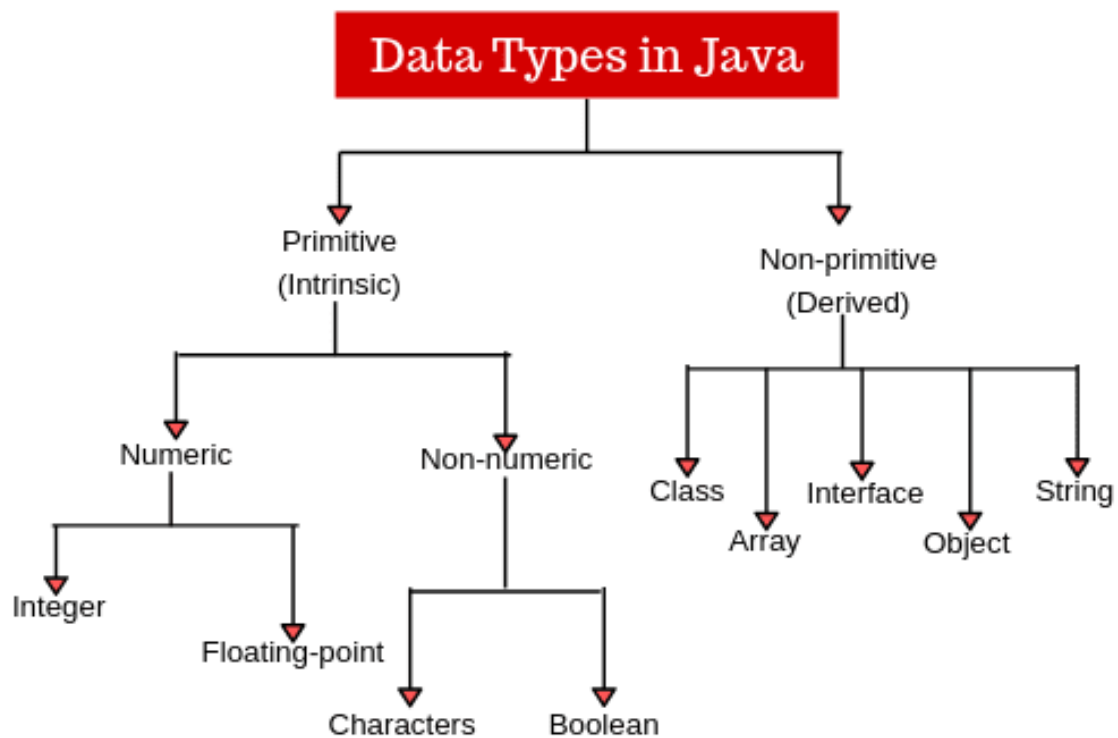# DataTypes :-

It specifies the different sizes and values that can be stored in the variable.

Variables :-

It is the name of memory location or it is user defined name which is given by user. Variables can store any types of values

Types of Variable

- **Local**
- **Static**
- **Instance**

Local Variable

A local variable in Java is a variable that's declared within the body of a method

Instance Variable

An instance variable is declared inside the class but outside of all the methods.

Static Variable

A static variable is declared with the help of static keyword.

```java
class A {
    static int b = 20; //Static
    int c = 30; //Instance
    Run | Debug
    public static void main(String[] args) {
        int a = 10; //Local
        A obj = new A();
        System.out.println(a);
        System.out.println(A.b);
        System.out.println(obj.c);
    }
}
```

PROBLEMS DEBUG CONSOLE TERMINAL

> ∨ OUTPUT

> [Running] cd "c:\Users\Soumodip Das\Desktop\Java Practical\" && javac A.java && java A
10
20
30

[Done] exited with code=0 in 1.682 seconds