

Types of Variables in java :

* Based on the data types we have only 2 types of variables in java :

- 1) Primitive Variables
- 2) Reference Variables

Primitive Variable :

If a variable is declared with primitive data type then it is called primitive Variable.
It is used to hold the value.
`int x = 10;`

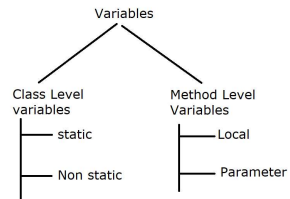
Reference Variable :

If a variable is declared with class data type then it is called Reference variable.
It is used to hold the address.

`String str = "India";`
`Employee emp = new Employee();`

Based on the declaration position, variables are further classified into 4 types :

- 1) Class Variable OR Static Filed
- 2) Instance Variable OR Non Static field
- 3) Local Variable
- 4) Parameter variable



Why we pass parameter to a method ?

We are passing parameter to a method due to the following two reasons :

- 1) If we want more information regarding the method then we should pass parameter.

```

public void deposit(double amount)    public void addNumbers(int a, int b)
{
}                                     {
}
  
```

- 2) To receive the value from outer world.