

Types of Variables in Java :
[Variable Declaration and Initialization](#)

- Based on the data type, we have only 3 types of Variables.
 - Primitive variables
 - Reference Variables
 - Anonymous Variables
- If we declare any variable with **primitive data type** like byte, short, int, long, float, double, char and boolean then it is called Primitive Variables.
 Example :

```
int x = 10;
```
- In primitive variables, we cannot assign null as well as if using primitive variable we cannot call any method.

```
int y = null; //Invalid
int y = 10;
y.sqrt(); //Exception to call any method using primitive variable
```

