

Variables:

It is a named container, which enable you store the data temporarily during the program execution.

➤ Local variables

- A Variable which is declared in a particular function, the variable can be used only the function
- In C and C++ the default value for local variable is “Garbage value” it may cause your program result.
- *In Java No Garbage values, thus all the local variables must be initialized by some value before using them .*
Eg: `int x=10; String s=”Shashi”;`

```
//LocalVariableDemo.java
class LocalVariableDemo{
    public static void main(String args[ ]) {
        int x=10; //local variable
        System.out.println(x); //10
        System.out.println("x val is : "+x); //x val is : 10
    }
}
```

```
//TestIQ.java
class TestIQ
{
    public static void main(String args[])
    {
        float f=3.14; //local variable
        System.out.println("f val is : "+f);
    }
}
```

- Global Variables
 - A Variable which declare above the first function definition , Default value for the global variable is “0”, But in java There is no global variables at all.
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