

Java Concept 58

- Already Know : - IF **local variable** is **not initialized** , **Error** will come
- IF **global variable** is **not initialized** , **No Error** will come
 1. Global variable will be initialized to zero or null
 1. **Primitive data** types (int , float) → 0
 2. **Class type variables** (String , Integer) → null
 2. Default constructor **calls super()** and do initializes all variables

```
1 //Local variable not initialized
2 //Error
3 class Java
4 {
5     void fun()
6     {
7         int x ;
8     }
9 }
```

```
1 //Global variable not initialized
2 //No Error
3 class Java
4 {
5     int x;
6     void fun()
7     {
8
9     }
10 }
```

```
1 //Calling global variable without initialization
2 // No Error
3 class Python
4 {
5     String global_str ;
6     int global_int ;
7     void callMe()
8     {
9         int local_int = 100;
10        System.out.println(C.P+"Calling local "
11            + "int : "+local_int+C.RE);
12        System.out.println(C.R+"Calling global "
13            + "String : "+global_str+C.RE);
14        System.out.println(C.Y+"Calling global "
15            + "int : "+global_int+C.RE);
16    }
17 }
18 public class JavaConcept
19 {
20
21     public static void main(String args[])
22     {
23         Python obj = new Python();
24         obj.callMe();
25     }
26 }
```

run:

Calling local int : 100

Calling global String : null

Calling global int : 0