Java Concept 16

- Again declaring global variable inside function makes it as local variable , this key word is used to access global variable

```java
1   class Java
2   {
3      //global variable
4      int x = 0;
5      void fun()
6      {
7        //local variable
8        int x = 100;
9      }
10  }
```

```java
1   class phone{
2      String s_obj =  "global phone";
3      public void getphone(){
4        //assining value to global variable
5        s_obj = "local phone";
6        //this.s_obj :: global variable
7        //s_obj :: global variable
8        System.out.println("Inside Phone : "+this.s_obj+" / "+s_obj);
9      }
10  }
11
12  class smartPhone{
13     String s_obj = "global smart phone";
14     public void getSmartphone(){
15       //Again declaring  variable
16       String s_obj;
17       //assining value to local variable
18       s_obj = "local smart phone";
19        //this.s_obj :: global variable
20        //s_obj :: local variable
21       System.out.println("Inside smart Phone : "+this.s_obj+" / "+s_obj);
22     }
23
24  }
25
26  public class JavaConcept
27  {
28     public static void main(String args[])
29       {
30          new phone().getphone();
31          new smartPhone().getSmartphone();
32       }
33  }
```

```
run:
Inside Phone : local phone / local phone
Inside smart Phone : global smart phone / local smart phone
```