**Java – private constructor example**

The **use of private constructor** is to serve singleton classes. A singleton class is one which limits the number of objects creation to one. Using private constructor we can ensure that no more than one object can be created at a time. We will see in the below example how to use private constructor for limiting the number of objects for a singleton class.

**Example**

package beginnersbook.com;

public class SingleTonClass {

//Static Class Reference

private static SingleTonClass obj=null;

private SingleTonClass(){

/\*Private Constructor will prevent

\* the instantiation of this class directly\*/

}

public static SingleTonClass objectCreationMethod(){

/\*This logic will ensure that no more than

\* one object can be created at a time \*/

if(obj==null){

obj= new SingleTonClass();

}

return obj;

}

public void display(){

System.out.println("Singleton class Example");

}

public static void main(String args[]){

//Object cannot be created directly due to private constructor

//This way it is forced to create object via our method where

//we have logic for only one object creation

SingleTonClass myobject= SingleTonClass.objectCreationMethod();

myobject.display();

}

}

Output:

Singleton class Example