Java Concept 37

- Already know :- for a class with private constructor, object can not be made using new key word , outside of a class

- Using Static method to access private constructor

```
1   //Error
2   class Java
3   {
4      private Java()
5      {...}
8   }
9
10  class JavaConcept
11  {
12     new Java();
13  }
```

```
1   //Assessing private constructor directly
2   // Error
3   class Helper
4   {
5      String value = "";
6      private Helper(String value)
7      {
8        this.value = value;
9        System.out.println("private : "+this.value);
10     }
11  }
12  public class JavaConcept
13  {
14     public static void main(String args[])
15       {
16           //Due to Private Constructor error
17           Helper obj = new Helper("Constructor");
18       }
19  }
```
Error- Helper(java.lang.String) has private access in javaconcept.Helper
at javaconcept.JavaConcept.main

```java
//Assessing private constructor using
//static method // No Error
class Helper
{
    String value = "" ;
    private Helper(String value)
    {
      this.value = value;
      System.out.println("private : "+this.value);
    }
public static Helper create(String value)
    {
        Helper obj = new Helper(value);
        return obj;
    }
}
public class JavaConcept
{
    public static void main(String args[])
      {
            Helper obj = Helper.create("Constructor");
      }
}
```

run:
private : Constructor