What is the drawback of new keyword in Java ?

 Example :

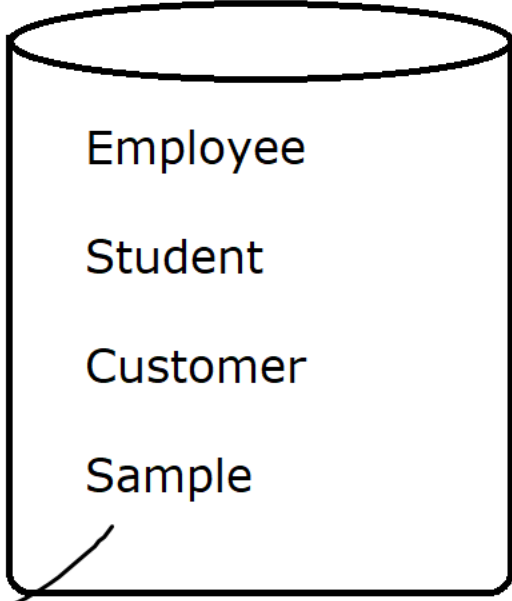 public class Student
 {
 }

 Student s = new Student();

* Whenever we create an object by using **new** keyword then **class name is** required that means the new
  keyword demands the class name at the **begning** OR at the time of compilation.

* new keyword is not suitable where the class name is coming from any database OR file at runtime.

```
    public class DynamicObjectCreation
    {
      public static void main(String [] args)
      {
        Object obj = Class.forName(args[0]).newInstance();
        System.out.println(obj.getClass().getName());

      }
    }

    javac DynamicObjectCreation.java
    java DynamicObjectCreation CLASS NAME
```


Employee

Student

Customer

Sample

java class database

public T newInstance() throws InstantiationException, IllegalAccessException :
----
* It is a predefined method of java.lang.Class class, used to create the object at runtime.
* While creating the object, It is calling no argument OR default constructor of the given class.

```
    DynamicObjectCreation1.java
    -----------------------------------
    class Employee
    {
        public Employee()
        {
            System.out.println("Employee class Constructor");
        }
    }

    class Student
    {
        public Student()
        {
            System.out.println("Student class Constructor");
        }
    }
    public class DynamicObjectCreation1
    {
        public static void main(String[] args)
        {
            try
            {
             Object obj = Class.forName(args[0]).newInstance();
             System.out.println("Object created for :"+obj.getClass().getName());
            }
            catch (ClassNotFoundException e)
            {
                System.err.println("Class not found");
            }
            catch(Exception e)
            {
                System.err.println(e);
            }
        }
    }
```

```
class Customer
{
    public void greet()
    {
        System.out.println("Greeting from Customer!!");
    }
}

public class DynamicObjectCreation2
{
    public static void main(String[] args)
    {
        try
        {
         Object obj = Class.forName(args[0]).newInstance();
         Customer cust = (Customer) obj;
         cust.greet();
        }
        catch (ClassNotFoundException e)
        {
            System.err.println("Class not found");
        }
        catch(Exception e)
        {
            System.err.println(e);
        }
    }
}
```