

## **//Example 1 : Demo of Singleton Class**

```
public class ExampleSingletonClass
{
    // accessed by only by getInstance() method
    private static ExampleSingletonClass instance;
    public String string;

    private ExampleSingletonClass()
    {
        // private constructor
        string = "Welcome to Java World...";
    }
    public static ExampleSingletonClass getInstance()
    {
        if (instance == null)
        {

            // if instance is null, initialize
            instance = new ExampleSingletonClass();
        }
    }
}
```

```

        }

        return instance;
    }

    public static void main(String args[ ])
    {

        ExampleSingletonClass text =
ExampleSingletonClass.getInstance();

        //original string

        System.out.println("Original String:");

        System.out.println(text.string);


        //text in upper case

        System.out.println("String in Upper Case:");

        text.string = (text.string).toUpperCase();

        System.out.println(text.string);

    }
}

```

/\*OUTPUT

javac ExampleSingletonClass.java

java ExampleSingletonClass

Original String:

Welcome to Java World...

String in Upper Case:

WELCOME TO JAVA WORLD...

### **//Example 2 : Demo of POJO Class**

```
import java.io.*;
```

```
class Employee
```

```
{
```

```
private String name;
```

```
private String id;
```

```
private double sal;
```

```
public String getName()
```

```
{
```

```
    return name;
```

```
}
```

```
public void setName(String name)
```

```
{
```

```
        this.name = name;
    }

    public String getId()
    {
        return id;
    }

    public void setId(String id)
    {
        this.id = id;
    }

    public double getSal()
    {
        return sal;
    }

    public void setSal(double sal)
    {
        this.sal = sal;
    }
}
```

```
public class ExamplePojoClass
```

```

{
    public static void main(String[] args)throws IOException
    {
        // Create an Employee class object
        Employee obj= new Employee();
        obj.setName("M.Sc.(CS)"); // Setting the values using the set() method
        obj.setId("A100");
        obj.setSal(880000);
        System.out.println("Name: "+ obj.getName()); //Getting the values using
        the get() method
        System.out.println("Id: " + obj.getId());
        System.out.println("Salary: " +obj.getSal());
    }
}

```

/\*OUTPUT

```
javac ExamplePojoClass.java
```

```
java ExamplePojoClass
```

```
Name: M.Sc.(CS)
```

```
Id: A100
```

```
Salary: 880000.0
```