

Aim:

To write program using jstl to use list of objects and display in it table format.

Program:

Obj.jsp

```
<% @taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>

<% @page import="expno10.StudentObj"%>

<% @page import="java.util.*"%>

<% @page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

        <title>ExpNo10</title>

    </head>

    <body>

        <%

            StudentObj st=new StudentObj("chris",91,"christian69@gmail.com");

            StudentObj st1=new StudentObj("abi",77,"atmanstr@gmail.com");

            StudentObj st2=new StudentObj("harbajan",69,"harbajanthiruvalluvar@gmail.com");

            StudentObj st3=new StudentObj("adam",99,"adah99@gmail.com");

            StudentObj st4=new StudentObj("gardner",97,"gautigg@gmail.com");

            ArrayList<StudentObj> obj=new ArrayList<StudentObj>();

            obj.add(st);
```

```

        obj.add(st1);
        obj.add(st2);
        obj.add(st3);
        obj.add(st4);

        StudentObj.sort(obj);
pageContext.setAttribute("obj", obj);

%>
<table border="2px"><tr><th>Name</th><th>Mail</th><th>Mark</th></tr>
<c:forEach items="${pageScope.obj}" var="i">

        <tr> <td>${i.getName()}</td>
        <td>${i.getMail()}</td>
        <td>${i.getMark()}</td>
        </tr>
</c:forEach>
</table>
</table>
</body>
</html>

```

StudentObj.java

```
package expno10;
```

```
import java.util.ArrayList;
```

```
public class StudentObj {  
    public String name;  
    public int mark;  
    public String mail;  
    public StudentObj(String name,int mark,String mail){  
        this.name=name;  
        this.mark=mark;  
        this.mail=mail;  
    }  
    public String getName(){  
        return name;  
    }  
    public int getMark(){  
        return mark;  
    }  
    public String getMail(){  
        return mail;  
    }  
    public void setName(String name){  
        this.name=name;  
    }  
    public void setMark(int mark){  
        this.mark=mark;  
    }  
    public void setMail(String mail){
```

```

        this.mail=mail;
    }

    public static void sort(ArrayList<StudentObj> list){

        list.sort((o1, o2)

            -> o1.getName().compareTo(

                o2.getName()));

        }

    }
}

```

Output:

Name	Mail	Mark
abi	atmanstr@gmail.com	77
adam	adah99@gmail.com	99
chris	christian69@gmail.com	91
gardner	gautigg@gmail.com	97
harbajan	harbajanthiruvalluvar@gmail.com	69

Observation(20)	
Record(5)	
Total(25)	
Initial	

Result:

Thus, the program to use jstl to print the data from a list of objects

