

## PRACTICAL-13

Rishikesh got the task to create a webapp for getting values from students (name,er\_no,branch,semester) and access the javabean class using JSP.

Student.html for form elements of required fields.

Student.java Servlet file for fatching values.

Student\_one.java Java bean file for generating setter and getter methods.

jsp\_bean\_access.jsp for printing the fatched values.

NOTE: branch should be radio button and semester should be dropdown.

### CODE:

#### Student.java

```
package com;
import java.io.*;
import java.util.*;
import java.sql.*;
import jakarta.servlet.http.*;
import jakarta.servlet.*;
import jakarta.servlet.annotation.*;
@WebServlet(urlPatterns = "/student")
public class student extends HttpServlet {
    public void service(HttpServletRequest req, HttpServletResponse res)
    {

        try {
            res.setContentType("text/html");
            PrintWriter writer = res.getWriter();
            String name = req.getParameter("name");
            String er_no = req.getParameter("er_no");
            String semester = req.getParameter("semester");
            String branch = req.getParameter("branch");
            student_one obj = new student_one();
            obj.setBranch(branch);
            obj.setEr_no(er_no);
            obj.setName(name);
            obj.setSemester(semester);
            req.getSession().setAttribute("exe", obj);
            RequestDispatcher rd =
            req.getRequestDispatcher("Java_bean.jsp");
            rd.include(req, res);
            writer.close();
        } catch (Exception e) {
            System.out.println("Exception ==> " + e);
        }
    }
}
```

```
}  
}  
}
```

### Student\_one.java

```
package com;  
public class student_one implements java.io.Serializable {  
    private String name;  
    private String er_no;  
    private String branch;  
    private String semester;  
    public String getName() {  
        return name;  
    }  
    public void setName(String name) {  
        this.name = name;  
    }  
    public String getEr_no() {  
        return er_no;  
    }  
    public void setEr_no(String er_no) {  
        this.er_no = er_no;  
    }  
    public String getBranch() {  
  
        return branch;  
    }  
    public void setBranch(String branch) {  
        this.branch = branch;  
    }  
    public String getSemester() {  
        return semester;  
    }  
    public void setSemester(String semester) {  
        this.semester = semester;  
    }  
}
```

### Java\_bean.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"  
    pageEncoding="ISO-8859-1"%>  
<!DOCTYPE html>  
<html>  
    <head>  
        <meta charset="ISO-8859-1">  
        <title>Student Dashboard</title>
```

```

</head>
<style>
body {
font-family: calibri;
font-size:30px;
}
</style>
<body>
<jsp:useBean id="student" class="com.student_one" scope="request"/>
<jsp:setProperty property="name" name="student"
value="\${exe.name}"/>
<jsp:setProperty property="er_no" name="student"
value="\${exe.er_no}"/>

<jsp:setProperty property="branch" name="student"
value="\${exe.branch}"/>
<jsp:setProperty property="semester" name="student"
value="\${exe.semester}"/>
Name: <jsp:getProperty name="student" property="name"/><br>
Enrollment No: <jsp:getProperty name="student"
property="er_no"/><br>
Branch: <jsp:getProperty name="student" property="branch"/><br>
Semester: <jsp:getProperty name="student" property="semester"/><br>
</body>
</html>

```

## Student.html

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Student Form</title>
</head>
<meta name="viewport" content="width=device-width, initial-scale=1">

</head>
<body bgcolor="teal">
<form action="student" method= "post">
<font color="orange">
  <div class="container">
    <h1>Student Data</h1>
    <hr>
    <label><b>Name</b></label>
    <input type="text" placeholder="Enter Name" id="name" name="name"
required><br>

    <label><b>Enrollment Number</b></label>

```

```
<input type="text" placeholder="Enter Enrollment Number"
name="er_no" id="er_no"required><br>
<label><b>Branch</b></label><br>
<input type="radio" name="branch" value="BDA">BDA<br>
<input type="radio" name="branch" value="CBA">CBA<br>
<input type="radio" name="branch" value="CS">CS<br><br>
<label><b>Semester</b></label></font>
<select name="semester" id="semester">

<option value="1st">1st-SEM</option>
<option value="2nd">2nd-SEM</option>
<option value="3rd">3rd-SEM</option>
<option value="4th">4th-SEM</option>
<option value="5th">5th-SEM</option>
<option value="6th">6th-SEM</option>
<option value="7th">7th-SEM</option>
<option value="8th">8th-SEM</option>
</select>
<br><br><br>
<button type="submit" class="registerbtn">Register</button>
</div>
</form>
<body>
</body>
</html>
```

## OUTPUT :

**Student Data**

Name

Enrollment Number

Branch

- ☐ BDA
- ☒ CBA
- ☐ CS

Semester

Name: Jay Patel  
Enrollment No: 20162101011  
Branch: CBA  
Semester: 4th

