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 Servet file for fatching values.

Student_one.java Java bean file for generating setter and getter mathods.

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 reg, 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>
```

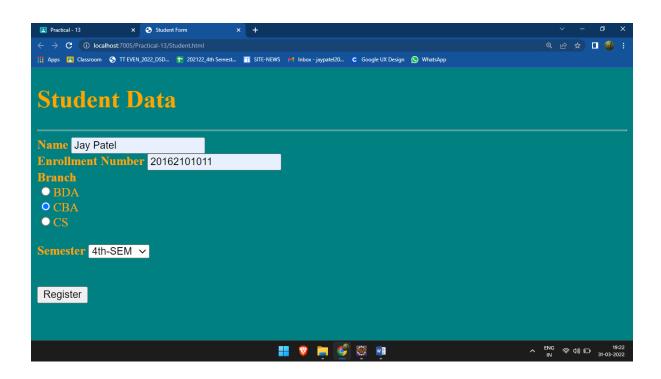
```
</head>
<style>
body {
font-family: calibri;
font-size:30px;
</style>
<body>
<jsp:useBean id="student" class="com.student one" scope="request"/>
<jsp:setProperty property="name" name="student"</pre>
value="${exe.name}"/>
<jsp:setProperty property="er no" name="student"</pre>
value="${exe.er no}"/>
<jsp:setProperty property="branch" name="student"</pre>
value="${exe.branch}"/>
<jsp:setProperty property="semester" name="student"</pre>
value="${exe.semester}"/>
Name: <jsp:getProperty name="student" property="name"/><br>
Enrollment No: <jsp:getProperty name="student"</pre>
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>
 <label><b>Name</b></label>
<input type="text" placeholder="Enter Name" id="name" name="name"</pre>
required><br>
 <label><b>Enrollment Number</b></label>
```

```
<input type="text" placeholder="Enter Enrollment Number"</pre>
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>
<button type="submit" class="registerbtn">Register</button>
 </div>
</form>
<body>
</body>
</html>
```

OUTPUT:





Name: Jay Patel

Enrollment No: 20162101011

Branch: CBA Semester: 4th

