

Lab Program 2a

- Design a JSP application for managing employee information.
- Create a JSP page (EmpForm.jsp) with an HTML form to collect employee data (e.g., Employee ID, Name, Age, Department, and Email) using the POST method.
- Create a JSP page (EmpResult.jsp) to retrieve the submitted form data using `request.getParameter()`.
- Use JSP expressions and scriptlets to process the retrieved data. For example:
 - Concatenate the employee's name and department into a single string.
 - Calculate the birth year from the age.
 - Format the email address.
- Display the processed data in a formatted manner in EmpResult.jsp.

Employee Details

localhost:8080/JSF_LAB_2a/EmpForm.jsp

ML,DL Course DP ashnaps (ashnaps) /... Blockchain Survey Cluster

Enter the following Employee details

Employee Id :

Employee Name :

Employee Age :

Employee Dept :

Employee Email :

localhost:8080/JSF_LAB_2a/EmpForm.jsp

ML,DL Course DP ashnaps (ashnaps) /... Blockchain Survey Clu

Enter the following Employee details

Employee Id :

Employee Name :

Employee Age :

Employee Dept :

Employee Email :

Output

Insert title here

localhost:8080/JSF_LAB_2a/EmpResult.jsp

ML,DL Course DP ashnaps (ashnaps) /... Blockchain

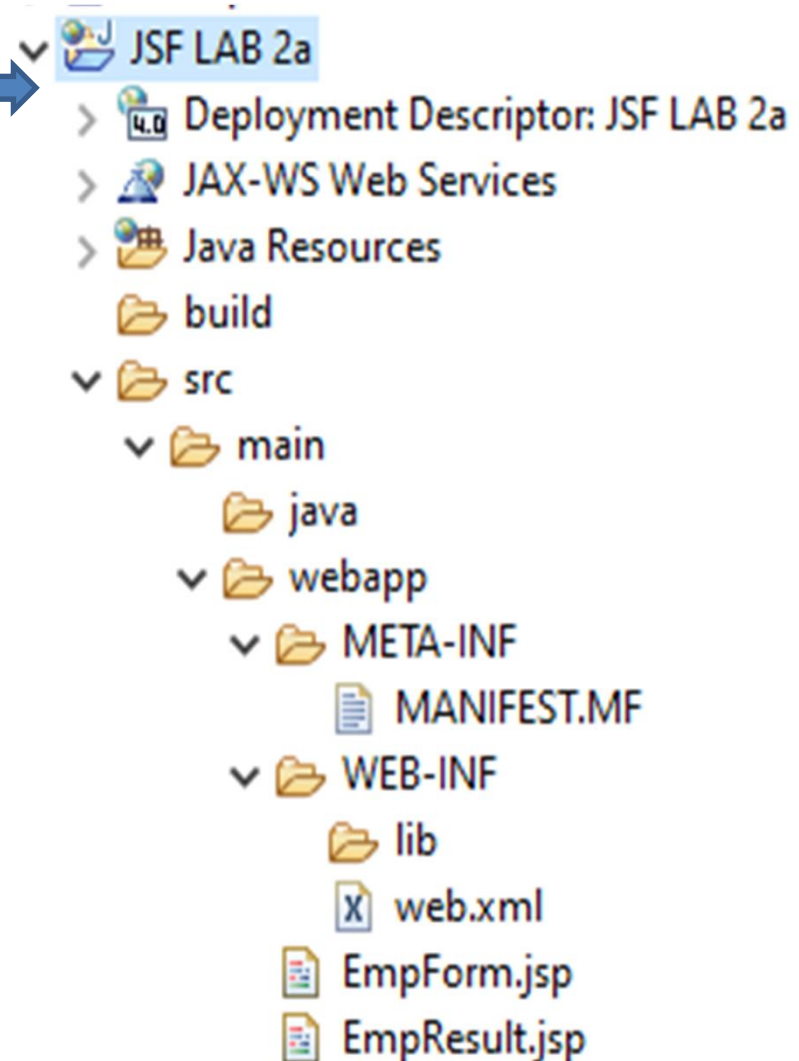
Employee Information Result

Employee ID	12
Name and Department	Hemanth (Sales)
Birth Year	1999
Formatted Email	hemanth123@gmail.com

Project Structure

- **Create 2 JSP files**

- EmpForm.jsp
- EmpResult.jsp



```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Employee Details</title>
</head>
<body>
    <form method="POST" action="EmpResult.jsp">
        <h1>Enter the following Employee details</h1>
        Employee Id    : <input type="text" name='eid'><br><br>
        Employee Name  : <input type="text" name='ename'><br><br>
        Employee Age   : <input type="text" name='eage'><br><br>
        Employee Dept  : <input type="text" name='edept'><br><br>
        Employee Email : <input type="text" name='email'><br><br>
        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

EmpForm.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page import="java.util.Calendar" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Employee Information</title>
</head>
<body>
<h2>Employee Information Result</h2>
    <%
        // Retrieve form data
        String employeeId = request.getParameter("eid");
        String name = request.getParameter("ename");
        String ageStr = request.getParameter("eage");
        String department = request.getParameter("edept");
        String email = request.getParameter("email");
        // Process data
        int age = Integer.parseInt(ageStr);
        Calendar calendar = Calendar.getInstance();
        int currentYear = calendar.get(Calendar.YEAR);
        int birthYear = currentYear - age;
        String nameAndDepartment = name + " (" + department + ")";
        String formattedEmail = email.toLowerCase();
    %>

```

EmpResult.jsp


```
<table border="1">
  <tr>
    <th>Employee ID</th>
    <td><%= employeeId %></td>
  </tr>
  <tr>
    <th>Name and Department</th>
    <td><%= nameAndDepartment %></td>
  </tr>
  <tr>
    <th>Birth Year</th>
    <td><%= birthYear %></td>
  </tr>
  <tr>
    <th>Formatted Email</th>
    <td><%= formattedEmail %></td>
  </tr>
</table>
</body>
</html>
```

EmpResult.jsp