

## **Experiment No. 2a**

Design a JSP application for managing employee information.

- Create a JSP page (employeeForm.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 (employeeResult.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 employeeResult.jsp.

### **employeeForm.jsp**

```
<!DOCTYPE html>
<html>
<head>
    <title>Employee Form</title>
</head>
<body>
    <h2>Employee Information Form</h2>
    <form action="employeeResult.jsp" method="POST">
        <table>
            <tr>
                <td>Employee ID:</td>
                <td><input type="text" name="employeeId" required></td>
            </tr>
            <tr>
                <td>Name:</td>
                <td><input type="text" name="name" required></td>
            </tr>
            <tr>
                <td>Age:</td>
                <td><input type="number" name="age" required></td>
            </tr>
            <tr>
                <td>Department:</td>
                <td><input type="text" name="department" required></td>
            </tr>
            <tr>
                <td>Email:</td>
                <td><input type="email" name="email" required></td>
            </tr>
        </table>
    </form>
</body>
```

```

        <td colspan="2" style="text-align: center;">
            <input type="submit" value="Submit">
        </td>
    </tr>
</table>
</form>
</body>
</html>

```

### **employeeResult.jsp**

```

<%@ page contentType="text/html; charset=UTF-8" language="java"
%>
<%@ page import="java.util.Calendar" %>
<!DOCTYPE html>
<html>
<head>
    <title>Employee Information</title>
</head>
<body>
    <h2>Employee Information Result</h2>
    <%
        // Retrieve form data
        String employeeId = request.getParameter("employeeId");
        String name = request.getParameter("name");
        String ageStr = request.getParameter("age");
        String department = request.getParameter("department");
        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 +
    ")";

        // Format email
        String formattedEmail = email.toLowerCase();
    %>
    <table border="1">
        <tr>
            <th>Employee ID</th>
            <td><%= employeeId %></td>
        </tr>
        <tr>
            <th>Name and Department</th>
            <td><%= nameAndDepartment %></td>
        </tr>
        <tr>

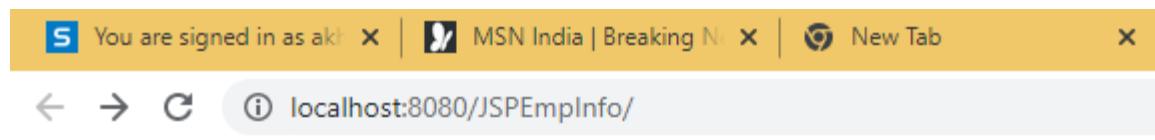
```

```

        <th>Birth Year</th>
        <td><%= birthYear %></td>
    </tr>
    <tr>
        <th>Formatted Email</th>
        <td><%= formattedEmail %></td>
    </tr>
</table>
</body>
</html>

```

### Expected Output



## Employee Information Form

Employee ID:	212
Name:	Akhilraj
Age:	45
Department:	CSE
Email:	abc@xyz.com
<input type="button" value="Submit"/>	



## Employee Information Result

<b>Employee ID</b>	212
<b>Name and Department</b>	Akhilraj (CSE)
<b>Birth Year</b>	1979
<b>Formatted Email</b>	abc@xyz.com