

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>
</html>
```

```

                <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>

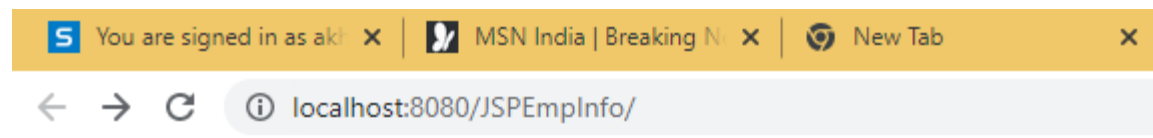
```

```

        <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

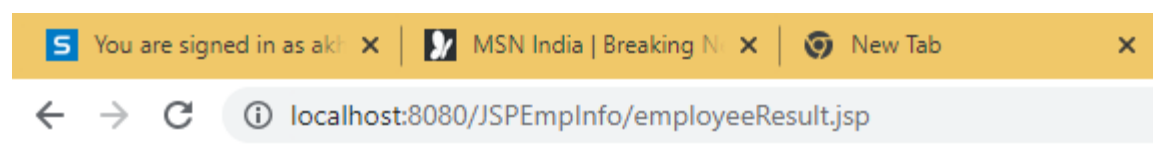
Employee ID:

Name:

Age:

Department:

Email:



Employee Information Result

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