**JSP Manual**

1. HelloJSP using scriptlet

Create a Folder HelloJSP and keep index.jsp and welcome.jsp in that. Place the folder in webapps.

**Index.jsp**

<html>

<body>

<form action=”Welcome.jsp”>

<input type=”text” name=”uname”>

<input type=”submit” value=”click me”>

</form>

</body>

</html>

**Welcome.jsp**

<html>

<body>

**<%**

**String name=request.getParameter(“uname”);**

**out.println(“Welcome ”+name);**

**%>**

</body>

</html>

To execute JSP application, navigate to <http://localhost:8080/HelloJSP>

2. HelloJSP using JSTL tag

Create a Folder HelloJSP and keep index.jsp and welcome.jsp in that. Place the folder in webapps.

Navigate to webapps🡪examples🡪WEB-INF🡪lib to get the files jstl.jar and standard.jar file

Create a folder tree WEB-INF🡪lib and place the files in them

**Index.jsp**

<html>

<body>

<form action=”Welcome.jsp”>

<input type=”text” name=”uname”>

<input type=”submit” value=”click me”>

</form>

</body>

</html>

**Welcome.jsp**

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<html>

<body>

**<p>**

**Welcome <c:out value=”${param.uname}”/>**

**<p>**

</body>

</html>

To execute JSP application, navigate to <http://localhost:8080/HelloJSP>

3. JSP – Database Connctivity Example

Create a Folder DatabaseJSP and keep index.jsp and welcome.jsp in that. Place the folder in webapps.

Navigate to webapps🡪examples🡪WEB-INF🡪lib to get the files jstl.jar and standard.jar file

Create a folder tree WEB-INF🡪lib and place the files in them

Place the file mysql-connector-java-3.1.14-bin in Apache Tomcat🡪lib

**Index.jsp**

<html>

<body>

<form action=”Welcome.jsp”>

<input type=”submit” value=”click me”>

</form>

</body>

</html>

**Welcome.jsp**

<%@ page import="java.io.\*,java.util.\*,java.sql.\*"%>

<%@ page import="javax.servlet.http.\*,javax.servlet.\*" %>

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

<%@ taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql"%>

<html><head>

<title>SELECT Operation</title></head>

<body>

<sql:setDataSource var="snapshot" driver="com.mysql.jdbc.Driver"

url="jdbc:mysql://localhost/TEST"

user="root" password="ssn"/>

<sql:query dataSource="${snapshot}" var="result">

SELECT \* from Employees;

</sql:query>

<table border="1" width="100%">

<tr> <th>Emp ID</th>

<th>First Name</th>

<th>Last Name</th>

<th>Age</th>

</tr>

<c:forEach var="row" items="${result.rows}">

<tr>

<td><c:out value="${row.id}"/></td>

<td><c:out value="${row.first}"/></td>

<td><c:out value="${row.last}"/></td>

<td><c:out value="${row.age}"/></td>

</tr> </c:forEach> </table> </body> </html>

To execute JSP application, navigate to <http://localhost:8080/DatabaseJSP>