

**(Affiliated to Tribhuvan University)**

**Advanced Java Programming**

**Lab 007**

**JSP**

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BSc. CSIT - VII

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# Develop a login screen which has user id and password fields and a submit button. On clicking the submit button, the user’s information should be sent to the server and authenticate the user’s credentials by checking with the database table user\_pass. If the valid user id and password is given then display the message “valid user”, else display the invalid user id/password and include the login screen again.

## login.jsp

<%--

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User: abhinna

Date: 2023-01-25

Time: 07:29

To change this template use File | Settings | File Templates.

--%>

<%@ page contentType="text/html;charset=UTF-8" language="java" %>

<html>

<head>

<title>Title</title>

</head>

<body>

<div>

<form action="loginConfirm.jsp" method="post">

Username:

<input type="text" name="username"><br>

Password:

<input type="password" name="password"><br>

<input type="submit" value="Login">

</form>

</div>

</body>

</html>

## loginConfirm.jsp

<%@ page import="java.util.List" %>

<%@ page import="java.util.Objects" %>

<%@ page import="java.sql.Connection" %>

<%@ page import="java.sql.DriverManager" %>

<%@ page import="java.sql.ResultSet" %>

<%@ page import="java.sql.Statement" %><%--

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Time: 07:33

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--%>

<%@ page contentType="text/html;charset=UTF-8" language="java" %>

<html>

<head>

<title>Login</title>

</head>

<body>

<%

try {

String un = request.getParameter("username");

String pw = request.getParameter("password");

session.setAttribute("username", un);

session.setAttribute("password", pw);

Class.forName("com.mysql.jdbc.Driver");

Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/java\_student\_db", "root", "");

Statement statement = connection.createStatement();

ResultSet resultSet = statement.executeQuery("SELECT \* FROM user\_pass");

boolean flag = false;

while (resultSet.next()) {

if (un.equalsIgnoreCase(resultSet.getString(2)) && pw.equals(resultSet.getString(3))) {

out.println("Valid user");

flag = true;

break;

}

}

if (!flag) {

out.println("Invalid User: " + un + "<br>");

out.println("Invalid password: " + pw + "<br>");

out.println("<a href = 'login.jsp'>back to login</a>");

}

} catch (Exception exception) {

out.println(exception);

}

%>

</body>

</html>





