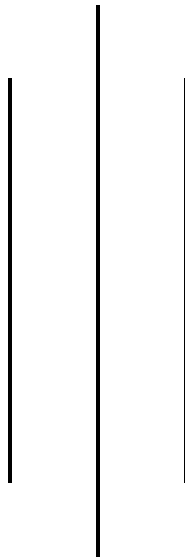




Advanced Java Programming

Lab 007

JSP



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BSc. CSIT - VII

Submitted to:

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1. 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.

1.1. login.jsp

```
<%--
Created by IntelliJ IDEA.
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>
```

1.2. 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" %><%--
    Created by IntelliJ IDEA.
    User: abhinna
    Date: 2023-01-25
    Time: 07:33
    To change this template use File | Settings | File Templates.
--%>
<%@ 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>");
        }
    }
}
```

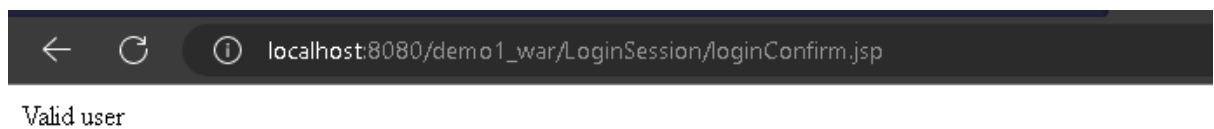
```
    } catch (Exception exception) {  
        out.println(exception);  
    }  
  
%>  
  
</body>  
</html>
```



← → ↻ ⓘ localhost:8080/demo1_war/LoginSession/login.jsp

Username:

Password:



← ↻ ⓘ localhost:8080/demo1_war/LoginSession/loginConfirm.jsp


Valid user



← → ↻ ⓘ localhost:8080/demo1_war/LoginSession/login.jsp

Username:

Password:



← ↻ ⓘ localhost:8080/demo1_war/LoginSession/loginConfirm.jsp

Invalid User: Ram
Invalid password: Ramesh123
[back to login](#)