

**(Affiliated to Tribhuvan University)**

**Advanced Java Programming**

**Lab 006**

**Servlet**

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BSc. CSIT - VII

**Submitted to:**

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Department of CSIT

# Develop login screen using HTML.

**When the user clicks on submit button validate the user id and password using filters. If it is invalid id or password then display the login screen else display a servlet with given user id and password. If the user id and password is valid then store the user id as cookie on the client side.**

## 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">

<%-- <form action="/demo1\_war/Servlet" 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>

## loginServlet.java

package com.example.login;

import com.mysql.cj.Session;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import java.io.IOException;

import java.io.PrintWriter;

@WebServlet(name = "LoginServlet", value = "/LoginServlet")

public class LoginServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

}

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

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

if (user.equalsIgnoreCase("Abhinna") && pass.equals("PassAbhinna123")) {

out.println("User: " + user);

out.println("Password: " + pass);

HttpSession session = request.getSession();

session.setAttribute("user", user);

RequestDispatcher dispatcher = request.getRequestDispatcher("/LoginSession/user.jsp");

dispatcher.forward(request, response);

} else {

RequestDispatcher dispatcher = request.getRequestDispatcher("/LoginSession/login.jsp");

dispatcher.forward(request, response);

}

}

}

## user.jsp

<%--

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User: abhinna

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--%>

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

<html>

<head>

<title>Title</title>

</head>

<body>

<%

String username = session.getAttribute("user").toString();

Cookie userCookie = new Cookie("userCookie", username);

userCookie.setMaxAge(60 \* 60 \* 24 \* 3);

response.addCookie(userCookie);

out.println("User cookie set as userCookie, value = " + username);

%>

</body>

</html>



