**Practical 15(URL login)**

**login.html**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<title>Login Form</title>**

**</head>**

**<body>**

**<h2>Login Form</h2>**

**<form action=*"login"* method=*"POST"*>**

**<label for=*"username"*>Username:</label>**

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

**<label for=*"password"*>Password:</label>**

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

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

**</form>**

**</body>**

**</html>**

**LoginServlet.java**

**import java.io.IOException;**

**import jakarta.servlet.ServletException;**

**import jakarta.servlet.annotation.WebServlet;**

**import jakarta.servlet.http.HttpServlet;**

**import jakarta.servlet.http.HttpServletRequest;**

**import jakarta.servlet.http.HttpServletResponse;**

**@WebServlet("/login")**

**public class LoginServlet extends HttpServlet {**

**protected void doPost(HttpServletRequest request,**

**HttpServletResponse response) throws ServletException, IOException {**

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

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

**// Perform authentication logic here**

**// ...**

**if (username.equals("admin") && password.equals("admin123")) {**

**// Authentication successful**

**response.sendRedirect("dashboard?username=" + username);**

**} else {**

**// Authentication failed**

**response.sendRedirect("login.html");**

**}**

**}**

**}**

**DashboardServlet.java**

**import java.io.IOException;**

**import java.io.PrintWriter;**

**import jakarta.servlet.ServletException;**

**import jakarta.servlet.annotation.WebServlet;**

**import jakarta.servlet.http.HttpServlet;**

**import jakarta.servlet.http.HttpServletRequest;**

**import jakarta.servlet.http.HttpServletResponse;**

**@WebServlet("/dashboard")**

**public class DashboardServlet extends HttpServlet {**

**protected void doGet(HttpServletRequest request, HttpServletResponse**

**response) throws ServletException, IOException {**

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

**response.setContentType("text/html");**

**PrintWriter out = response.getWriter();**

**if (username != null) {**

**out.println("<h2>Welcome, " + username + "!</h2>");**

**out.println("<a href=\"logout\">Logout</a>");**

**} else {**

**out.println("<h2>Please login</h2>");**

**out.println("<a href=\"login.html\">Login</a>");**

**}**

**}**

**}**

**LogoutServlet.java**

**import java.io.IOException;**

**import jakarta.servlet.ServletException;**

**import jakarta.servlet.annotation.WebServlet;**

**import jakarta.servlet.http.HttpServlet;**

**import jakarta.servlet.http.HttpServletRequest;**

**import jakarta.servlet.http.HttpServletResponse;**

**@WebServlet("/logout")**

**public class LogoutServlet extends HttpServlet {**

**protected void doGet(HttpServletRequest request, HttpServletResponse**

**response) throws ServletException, IOException {**

**response.sendRedirect("login.html");**

**}**

**}**