**Login Validation**

**Index.html:**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form method=*"get"* action=*"LoginServlet"*>

<h2>Login Information</h2>

Enter User Name<input type=*"text"* name =*"userName"*></input><br></br>

Enter Password<input type=*"password"* name =*"userPassword"*></input><br></br>

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

</form>

</body>

</html>

**LoginServlet:**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**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;

@WebServlet("/LoginServlet")

**public** **class** LoginServlet **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

**public** LoginServlet() {

**super**();

}

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

// Set the content type

response.setContentType("text/html");

// Get the writer

PrintWriter out = response.getWriter();

// Get the userName from the request

String uName = request.getParameter("userName");

String uPassword = request.getParameter("userPassword");

// Get a reference to the HttpSession object

HttpSession session = request.getSession();

// Validate the username

**if**(uName.equalsIgnoreCase("vikram") && uPassword.equals("Vikram111")) {

// Save the username in the session

session.setAttribute("userName", uName);

session.setAttribute("userPassword", uPassword);

// Redirect to the Dashboard

response.sendRedirect("Dashboard");

}

**else** {

out.println("<font color='red'>Invalid username or Password...</font>");

RequestDispatcher dispatcher =request.getRequestDispatcher("Index.html");

dispatcher.include(request,response);

}

}

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}

**Dashboard:**

import java.io.IOException;

import java.io.PrintWriter;

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;

/\*\*

\* Servlet implementation class Dashboard

\*/

@WebServlet("/Dashboard")

public class Dashboard extends HttpServlet {

private static final long serialVersionUID = 1L;

public Dashboard() {

super();

}

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

response.setContentType("text/html");

HttpSession session = request.getSession();

PrintWriter out = response.getWriter();

// Check whether the session already exists

if ((session.getAttribute("userName") != null) && (session.getAttribute("userPassword") != null)) {

out.println("<h3>Welcome " +session.getAttribute("userName"));

out.println("<br> You are now logged in...</h3>");

out.println("<p><h4><a href='LogoutServlet'>LOGOUT</a></h4>");

}

else {

response.sendRedirect("Index.html");

}

}

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**LogoutServlet:**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

@WebServlet("/LogoutServlet")

**public** **class** LogoutServlet **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

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

response.setContentType("text/html");

PrintWriter out = response.getWriter();

// Invalidate the session here

request.getSession().invalidate();

out.println("<h2>You are now logged out...<br>");

out.println("<a href='Index.html'>Login again</a>");

}

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}