**Source code for validation of user login**

**Index.html :**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"LoginChecker"* method=*"post"*>

<input type=*"text"* name=*"txtUname"*>

<input type=*"password"* name=*"txtPassword"*>

<input type=*"Submit"*>

</form>

</body>

</html>

**Login.Java :**

**package** ValidationUser;

**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("/LoginChecker")

**public** **class** Login **extends** HttpServlet {

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

**public** Login() {

**super**();

}

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

response.setContentType("text/html");

String uname=request.getParameter("txtUname");

String pword=request.getParameter("txtPassword");

PrintWriter out=response.getWriter();

**if**(uname.equalsIgnoreCase("java Code") && pword.equals("Santhosh481")){

out.println("You are Welcome");

}

**else**

out.println("Invalid Username or Password");

}

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

response.setContentType("text/html");

String uname=request.getParameter("txtUname");

String pword=request.getParameter("txtPassword");

PrintWriter out=response.getWriter();

RequestDispatcher rd;

**if**(uname.equalsIgnoreCase("Santhosh") && pword.equals("Santhosh481")){

HttpSession session=request.getSession(**true**);

session.setAttribute("username", uname);

rd=request.getRequestDispatcher("Welcome");

rd.forward(request, response);

}

**else** {

out.println("Invalid Username or Password");

rd=request.getRequestDispatcher("LoginForm.html");

rd.include(request, response);

}

}

}

**Logout.Java :**

**package** ValidationUser;

**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;

@WebServlet("/Logout")

**public** **class** Logout **extends** HttpServlet {

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

**public** Logout() {

**super**();

}

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

HttpSession session=request.getSession();

session.invalidate();

}

}

**Welcome.java :**

**package** ValidationUser;

**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;

@WebServlet("/Welcome")

**public** **class** Welcome **extends** HttpServlet {

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

**public** Welcome() {

**super**();

}

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

response.getWriter().append("Served at: ").append(request.getContextPath());

}

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

PrintWriter out=response.getWriter();

HttpSession session=request.getSession();

String uname=(String)session.getAttribute("username");

out.println("Welcome User "+uname);

out.println("<a href='Logout'>Logout</a>");

}

}

**Web.xml :**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>validationuser</display-name>

<welcome-file-list>

<welcome-file>LoginForm.html</welcome-file>

</welcome-file-list>

</web-app>