**Validation of User Login SourceCode**

**Dashboard Servlet**

package com.simplilearn.demo;

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("/dashboard")

public class DashboardServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

resp.setContentType("text/html");

HttpSession session=req.getSession();

if(session!=null) {

String USERNAME=(String) session.getAttribute("key");

String PASSWORD=(String) session.getAttribute("key1");

System.out.println("USERNAME:"+USERNAME);

if(USERNAME!=null) {

out.print("Welcome User "+ USERNAME);

out.print("<br><a href='logout'>Logout</a>");

}

else {

out.print("Enter user name and password");

resp.sendRedirect("login");

}

}

else

{

out.print("Kindly Login First");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Login-Servlet**

package com.simplilearn.demo;

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("/login")

public class LoginServlet extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

resp.setContentType("text/html");

String token=req.getParameter("userid");

String pas=req.getParameter("pass");

System.out.println("token"+token);

System.out.println(pas);

//add user to Http Session

PrintWriter out=resp.getWriter();

if(token.equals("Admin")&&pas.equals("admin@123"))

{

HttpSession session=req.getSession();

session.setAttribute("key", token);

resp.sendRedirect("dashboard");

}

else {

out.print("enter valid details");

req.getRequestDispatcher("index.html").include(req, resp);

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Logout-Servlet**

package com.simplilearn.demo;

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 LogoutServlet extends HttpServlet {

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

resp.setContentType("text/html");

HttpSession session=req.getSession(false);

if(session!=null) {

session.invalidate();

out.print("User Logged out Successfully");

// resp.sendRedirect("index.html");

}

else {

out.print("Kindly Login First");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Login-Html(index.html)**

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h1>USER Id Validation</h1>

<br>

<br>

<form action="login" method="post">

Enter your user id

<input type="text" name="userid" placeholder="enter your email"><br><br>

Enter your Password

<input type="password" name="pass" placeholder="enter your password"><br><br>

<input type="submit" value="login">

</form>

</body>

</html>