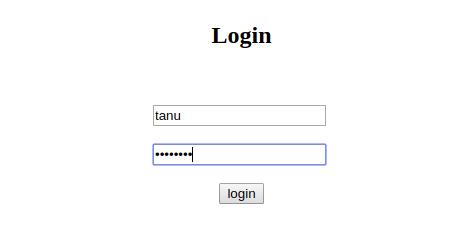
Test HttpSession from multiple clients





**1.create login.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Insert title here</title>

</head>

<body>

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

<div align="center">

<h2>Login</h2> <br><br>

<input placeholder="enter name" type="text" name="name"> <br><br>

<input placeholder="enter password" type="password" name="password">

<br><br>

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

</div>

</form>

</body>

</html>

**2.create home.jsp page which displays afters successfull login**

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

pageEncoding="UTF-8"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Home</title>

</head>

<body>

<%

response.setHeader("Cache-Control","no-cache");

response.setHeader("Cache-Control","no-store");

response.setHeader("Pragma","no-cache");

response.setDateHeader ("Expires", 0);

%>

<h2 align="center">welcome <%= session.getAttribute("name") %><br>

<a href="/LogSession/logout">logout</a></h2>

</body>

</html>

**3.create Web.xml file inside web-inf folder**

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

<web-app>

<display-name>httpsessionlogin</display-name>

<welcome-file-list>

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

</welcome-file-list>

<servlet>

<display-name>FirstServlet</display-name>

<servlet-name>FirstServlet</servlet-name>

<servlet-class>LoginServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>FirstServlet</servlet-name>

<url-pattern>/LoginServlet</url-pattern>

</servlet-mapping>

<servlet>

<display-name>LogoutServlet</display-name>

<servlet-name>LogoutServlet</servlet-name>

<servlet-class>LogoutServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>LogoutServlet</servlet-name>

<url-pattern>/logout</url-pattern>

</servlet-mapping>

</web-app>

**4.create LoginServlet which receives and validates request**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

public class LoginServlet extends HttpServlet {

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

HttpSession session;

response.setContentType("text/html");

PrintWriter out=response.getWriter();

String name=request.getParameter("name");

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

if(password.equals("admin123")){

session = request.getSession();

session.setAttribute("name",name);

RequestDispatcher reqDispatcher = getServletConfig().getServletContext().getRequestDispatcher("/home.jsp");

reqDispatcher.forward(request,response);

}

else{

out.print("Sorry, username or password error!");

request.getRequestDispatcher("login.html").include(request, response);

}

out.close();

}

}

**5.create logout servlet which closes the current session**

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

public class LogoutServlet extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out=response.getWriter();

HttpSession session=request.getSession();

session.removeAttribute("name");

session.invalidate();

out.print("You are successfully logged out!");

request.getRequestDispatcher("/login.html").include(request, response);

}

}

Check session by logging from multiple client devices