# 1- loginServlet class

package servlet;

import java.io.IOException;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class loginServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

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

doGet(request, response);

}

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

String action = request.getServletPath();

if(action == "/logout") {

response.sendRedirect("index.jsp");

}

else {

System.out.println("Inside the Login Servlet");

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

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

boolean state=false;

String username="yousif";

String userpassword="1234";

if(name.equals(username) && password.equals(userpassword)) {

request.setAttribute("name", name);

RequestDispatcher dispatcher = request.getRequestDispatcher("valid.jsp");

dispatcher.forward(request, response);

}

else {

request.setAttribute("TheState", state);

RequestDispatcher dispatcher = request.getRequestDispatcher("index.jsp");

dispatcher.forward(request, response);

}

}

}

}

# 2- index.jsp Page

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<style type="text/css">

body{

background-color: #540B0E;

}

div{

text-align: center;

}

#span1{

display: inline-block;

text-align: left;

color: #EDDDD4;

font-family: Segoe UI;

font-size: 20px;

padding: 2px 10px;

padding-bottom: 20px;

}

input[type=text],input[type=password]{

width: 200px;

padding: 3px 10px;

margin: 8px 0;

box-sizing: border-box;

font-family: Segoe UI;

font-size: 15px;

}

input[type=button], input[type=submit], input[type=reset] {

background-color: #197278;

border: none;

color: #EDDDD4;

padding: 3px 30px;

text-decoration: none;

margin: 4px 2px;

cursor: pointer;

font-family: Segoe UI;

font-size: 20px;

}

h1{

text-align: center; color: #EDDDD4;

font-family: Segoe UI;

font-size: 40px;

}

hr.new5 {

margin-top: -30px;

margin-left: 20%;

margin-right: 20%;

border: 1px solid #EDDDD4;

border-radius: 10px;

}

#myinfo{

text-align: left;

color: #EDDDD4;

font-family: Segoe UI;

font-size: 20px;

margin-top: 10%;

}

</style>

</head>

<body>

<h1>Adminstrator Login</h1><br/>

<hr class="new5">

<div style="margin-top: 8%">

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

<span id="span1">

User Name <br/>

<input type="text" name="username" placeholder="Enter username" value="yousif"><br/>

Password <br/>

<input type="password" name="password" placeholder="Enter password" value="1234"><br/>

<%

if(request.getAttribute("TheState") == (Object)false ) {

%><span id="e" style='color:#EDDDD4; text-shadow: 2px 2px #000000;'>Invalid Credentials!!</span><%

}

%>

</span>

<div style="text-align: center; margin-top: -13px">

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

</div>

</form>

</div>

<div id="myinfo">

@ Developed By: Yousif Al-Dhfeery <br/>

@ GitHub: https://github.com/xxmelar-ksaxx

</div>

</body>

</html>

# 3- valid.jsp Page

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<style type="text/css">

body{

background-color: #540B0E;

}

#logout {

background-color: #197278;

border: none;

color: #EDDDD4;

padding: 3px 30px;

text-decoration: none;

margin: 4px 2px;

cursor: pointer;

font-family: Segoe UI;

font-size: 20px;

margin-left: 87%;

}

h1{

text-align: center; color: #EDDDD4;

font-family: Segoe UI;

font-size: 40px;

}

hr.new5 {

margin-top: -30px;

margin-left: 20%;

margin-right: 20%;

border: 1px solid #EDDDD4;

border-radius: 10px;

}

#myinfo{

text-align: left;

color: #EDDDD4;

font-family: Segoe UI;

font-size: 20px;

margin-top: 10%;

}

</style>

</head>

<body>

<h1>Welcome <% out.print(request.getAttribute("name")); %> </h1>

<a id="logout" href="logout" >Log-out</a>

<br/>

<hr class="new5">

<div id="myinfo">

@ Developed By: Yousif Al-Dhfeery <br/>

@ GitHub: https://github.com/xxmelar-ksaxx

</div>

</body>

</html>

# 4- web.xml File

<!DOCTYPE web-app PUBLIC

"-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"

"http://java.sun.com/dtd/web-app\_2\_3.dtd" >

<web-app>

<display-name>Archetype Created Web Application</display-name>

<servlet>

<description></description>

<display-name>login\_servlet</display-name>

<servlet-name>l\_s</servlet-name>

<servlet-class>servlet.loginServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>l\_s</servlet-name>

<url-pattern>/login</url-pattern>

</servlet-mapping>

<servlet-mapping>

<servlet-name>l\_s</servlet-name>

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

</servlet-mapping>

</web-app>

# 5- pom.xml File

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4\_0\_0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>login</groupId>

<artifactId>practice\_1.23-login</artifactId>

<packaging>war</packaging>

<version>0.0.1-SNAPSHOT</version>

<name>practice\_1.23-login Maven Webapp</name>

<url>http://maven.apache.org</url>

<dependencies>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>3.8.1</version>

<scope>test</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/javax.servlet.jsp/javax.servlet.jsp-api -->

<dependency>

<groupId>javax.servlet.jsp</groupId>

<artifactId>javax.servlet.jsp-api</artifactId>

<version>2.3.1</version>

<scope>provided</scope>

</dependency>

<!-- https://mvnrepository.com/artifact/javax.servlet/jstl -->

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>jstl</artifactId>

<version>1.2</version>

</dependency>

<!-- https://mvnrepository.com/artifact/javax.servlet/servlet-api -->

<dependency>

<groupId>javax.servlet</groupId>

<artifactId>servlet-api</artifactId>

<version>2.5</version>

<scope>provided</scope>

</dependency>

</dependencies>

<build>

<finalName>practice\_1.23-login</finalName>

</build>

</project>