Experiment 10: Login Webpage using JSP, Servlet, and JDBC

Program:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8"><meta name="viewport" content="width=device-width,initial

scale=1.0">

<title>Login Webpage</title>

<script src="https://cdn.tailwindcss.com"></script>

<style>

.loader{border:4px solid #f3f3f3;border-top:4px solid #4f46e5;border

radius:50%;width:20px;height:20px;animation:spin 1s linear infinite}

@keyframes spin{to{transform:rotate(360deg)}}

</style>

</head>

<body class="bg-gray-100 flex items-center justify-center min-h-screen">

<div id="login" class="bg-white p-8 rounded-xl shadow-2xl text-center max-w-sm w-full">

<h1 class="text-2xl font-bold mb-4">Simulated Login</h1>

<p class="text-sm text-gray-500 mb-4">Use: <b>user</b> / <b>password</b></p>

<form onsubmit="logIn(event)" class="space-y-3">

<input id="u" value="user" class="w-full px-3 py-2 border rounded"

placeholder="Username" required>

<input id="p" value="password" type="password" class="w-full px-3 py-2 border rounded"

placeholder="Password" required>

<div id="msg" class="text-sm h-5"></div>

<button id="btn" class="w-full py-2 bg-indigo-600 text-white rounded flex justify-center">

<span>Log In</span><div id="spin" class="loader ml-2 hidden"></div>

</button>

</form>

</div>

<div id="ok" class="hidden bg-white p-8 rounded-xl shadow-2xl text-center max-w-sm w

full">

<svg class="w-12 h-12 mx-auto text-green-500 mb-3" fill="none" stroke="currentColor"

viewBox="0 0 24 24"><path stroke-linecap="round" stroke-linejoin="round" stroke

width="2" d="M5 13l4 4L19 7"/></svg>

<h2 class="text-2xl font-bold text-green-600 mb-2">Welcome, User!</h2>

<p>Servlet Operation Complete: Database validation passed.</p>

</div>

<script>

function logIn(e){

e.preventDefault();

spin.classList.remove("hidden"); btn.firstElementChild.textContent="Validating...";

setTimeout(()=>{spin.classList.add("hidden");btn.firstElementChild.textContent="Log In";

if(u.value=="user"&&p.value=="password"){login.classList.add("hidden");ok.classList.remove

("hidden")}

else{msg.textContent="Invalid credentials";msg.className="text-red-600"}},1000)

}

</script>

</body>

</html>