Validation Of The User Login

Introduction:

Create a servlet-based web application that shows a login page and validates it. The correct values are hard-coded. On successful login, a dashboard page is shown. The dashboard will provide a link for logging out. Incorrect logins need to be handled by showing an error message page.

Installation Guide:

1. GitHub link: [JAVA-Projects/Phase 2/ValidationOfTheUserLogin at main · baljeet-singh97/JAVA-Projects · GitHub](#)

2. Download the entire project as Zip in local system.

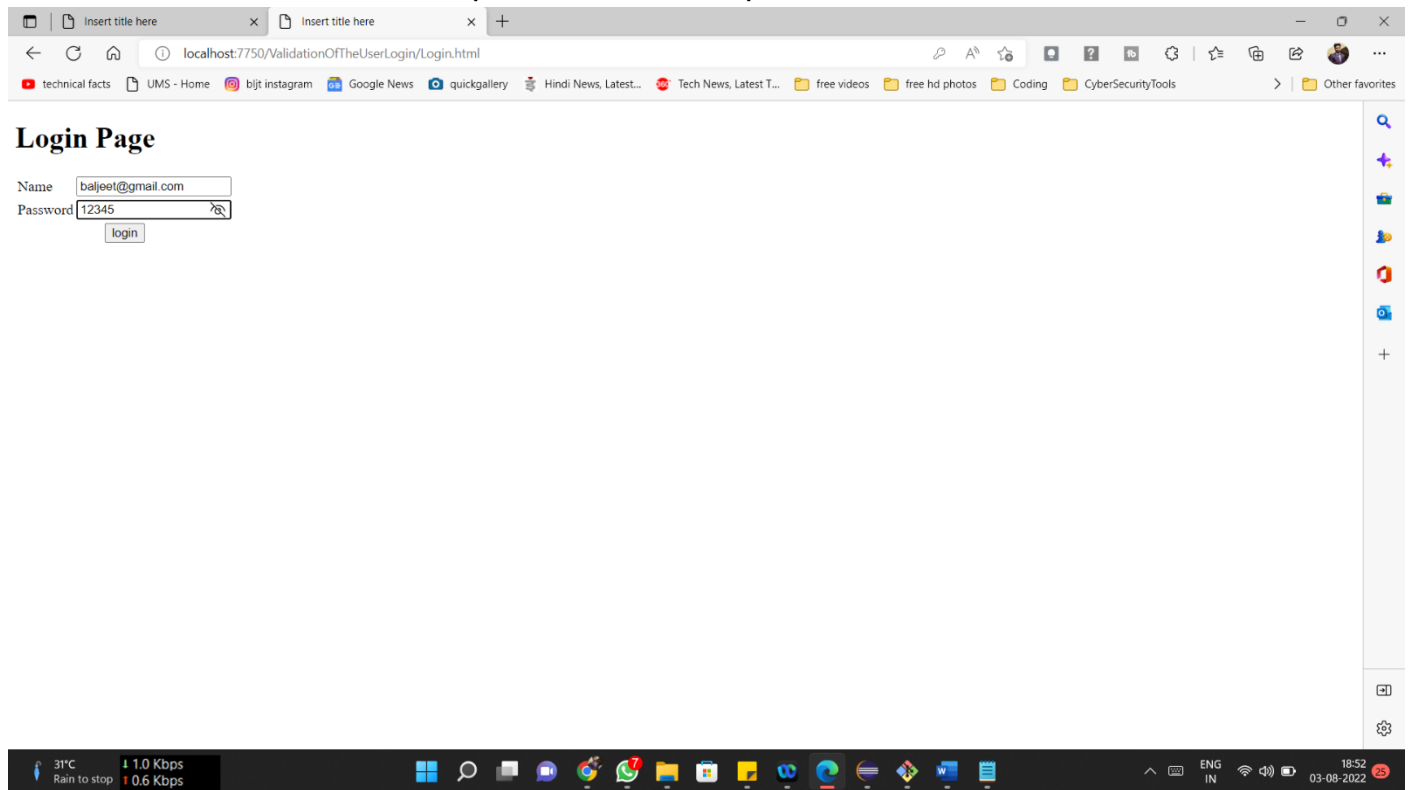3. import the project in Eclipse IDE

How to use:
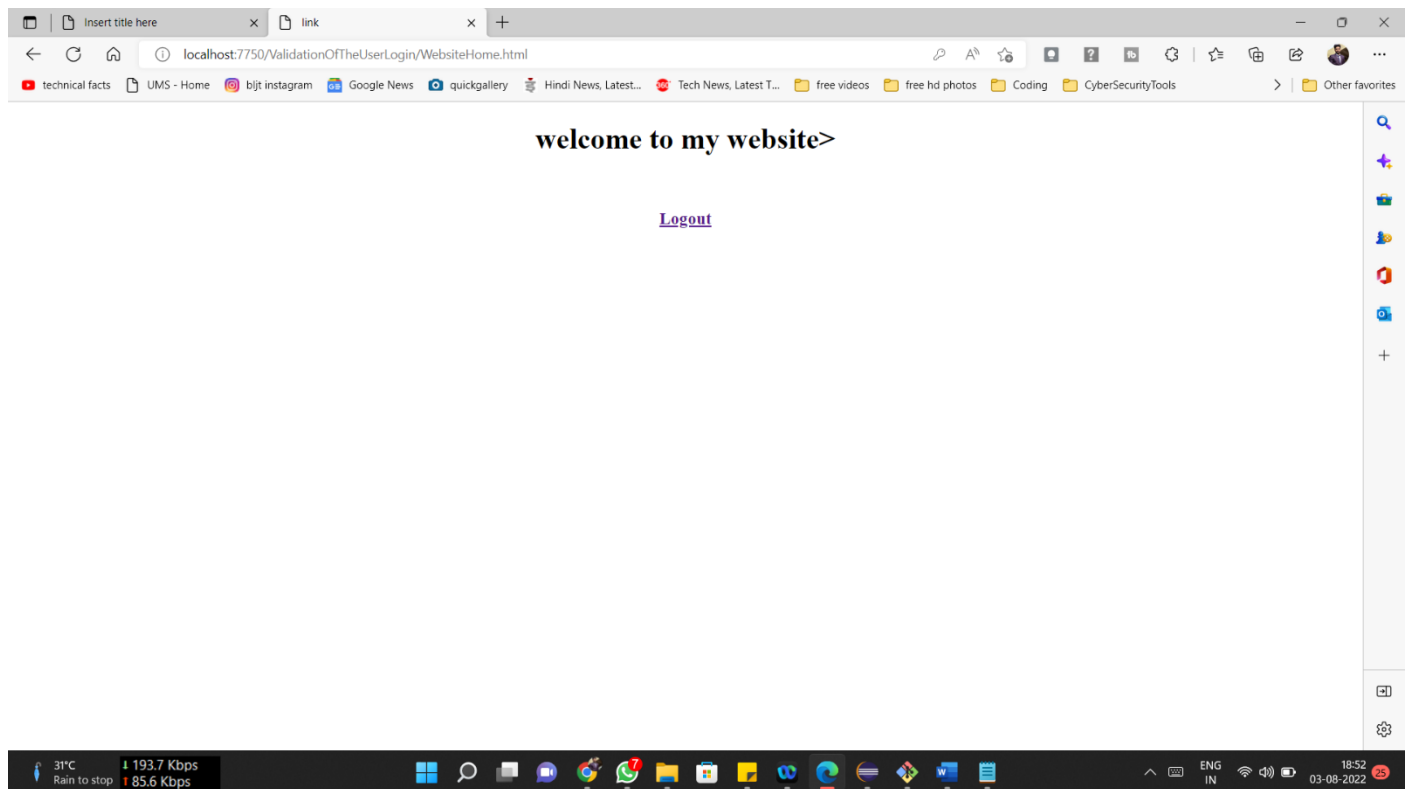
Email: baljeet@gmail.com

Password: 12345

1. after running the code this login page will appear to the user user has to enter the email id and password to proceed to the dashboard.
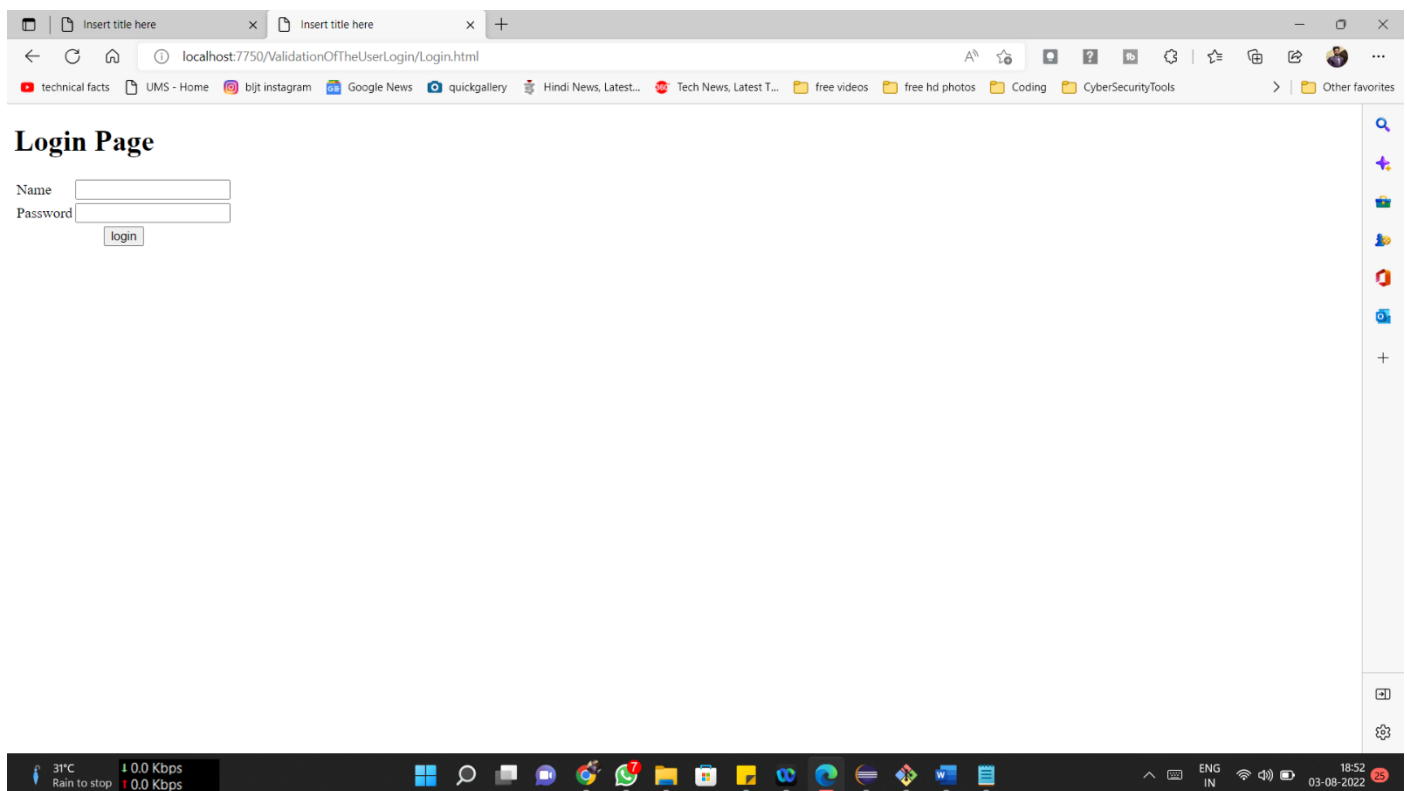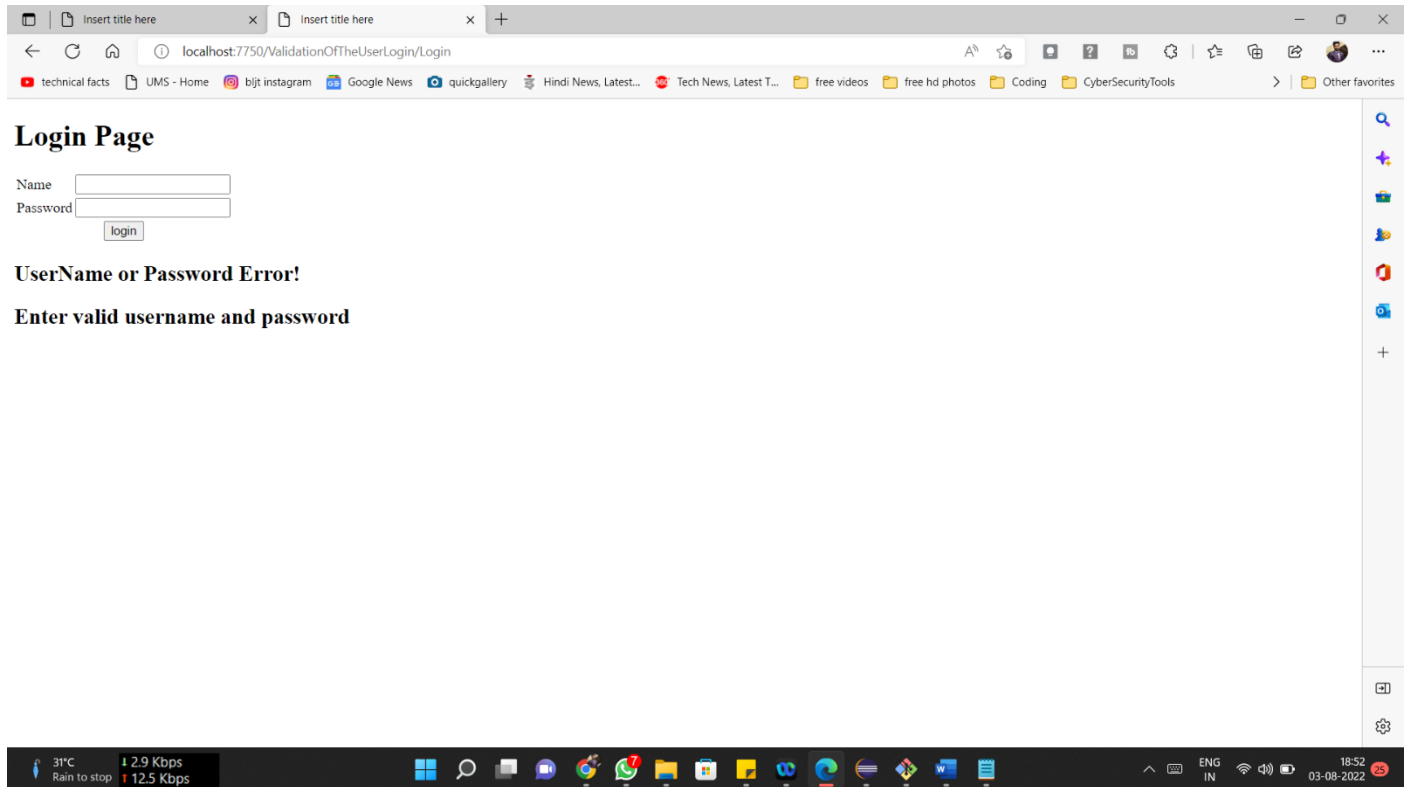
2. Enter the default name and password here to proceed to the dashboard.

3. After logging in user will see this window here user can logout to the main screen.

4. If user enters wrong name and password it will show a message that "wrong username or password Error"

Code Description

LoginServlet.java

Used setContentType to append the html code to the page when user enter wrong details.

And PrintWriter to print the text to the page.

```
resp.setContentType("text/html");

PrintWriter out= resp.getWriter();
```

Fetching and Storing email and password from the page, in the following variables to validate further

```
String email =req.getParameter("uname");

 String password =req.getParameter("pass");
```

adding user in the session once the login is done

```
HttpSession session=req.getSession();

session.setAttribute("email", email);
```

```
session.setAttribute("pass", password);
```

Redirecting user to the hompage after successful logging in

```
resp.sendRedirect("WebsiteHome.html");
```

If user enters wrong details then else case will handle that case. in here used RequestDispatcher object to include both the html text and the html page after failed login.

```
RequestDispatcher rd = req.getRequestDispatcher("/Login.html");

rd.include(req, resp)

 out.println("<h2>UserName or Password Error!</h2>");

out.println("<h2>Enter valid username and password<br/><br/></br></h2>");
```

homepage.java

this servlet is used when user clicks on logout we are redirecting the user to login.html page from here.

```
@WebServlet("/Logout")

resp.sendRedirect("Login.html");
```

Login.html

Simple made a login form with method post used name, password, and submit button fields the code is below.

```
<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h1>Login Page</h1>

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

<table>

<tr>

<td><label>Name</label></td>
```

```
<td><input type="text" name="uname"/></td>

</tr>

<tr>

<td><label>Password</label></td>

<td><input type="password" name="pass"/></td>

</tr>

<tr>

<td align="center" colspan="2"><input type="submit" value="login"/></td>

</tr>

</table>


</form>

</body>

</html>
```

WebsiteHome.html

Used this page if user successfully log in to the page with correct id password here only provided an simple UI and a logout button.

```
<!DOCTYPE html>

<html>

<head>

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

<title>link</title>

</head>

<body>

<h1 style="color:black" align="center" >welcome to my website></h1>

<br/>

<h3 align="center"><a href="Logout">Logout</a></h3>

</body>

</html>
```