

Phase-2 Project:

Name: Duggasani Naga Surekha

Validation of the User Login.

DESCRIPTION

Project objective:

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.

Background of the problem statement:

As a part of developing an e-commerce web application, you have to prototype a login scenario for the user. There is no database involved here, so you have to use fixed values for login email id and password.

Sourcecode:

Code for Loginpage:

-----INDEX.HTML-----

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
<title>Insert title here</title>
```

```
</head>
```

```
<body>
```

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

```
Name:<input type="text" name="username"/><br/><br/>
```

```
Password:<input type="password" name="userpass"/><br/><br/>
```

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

```
</form>
```

</body>

</html>

-----LOGIN SERVLET-----

```
package com.login;
```

```
import java.io.IOException;
```

```
import java.io.PrintWriter;
```

```
import javax.servlet.RequestDispatcher;
```

```
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 login extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

```
    protected void service(HttpServletRequest request, HttpServletResponse response) throws  
ServletException, IOException {String email = request.getParameter("username");
```

```
        String pass = request.getParameter("userpass");
```

```
        RequestDispatcher rd=null;
```

```
        if(email.equals("abc")&& pass.equals("123"))
```

```
{
```

```
            rd=request.getRequestDispatcher("dashboard");
```

```
        rd.forward(request, response);

    }

    else

    {

        rd=request.getRequestDispatcher("index.html");

        PrintWriter out = response.getWriter();

        rd.include(request, response);

        out.println("Invalid Credential");

    }

}

}
```

-----DASHBOARD SERVLET-----

```
package com.login;

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;
```

```

/**
 * Servlet implementation class Dashboardc
 */
@WebServlet("/dashboard")
public class Dashboardc extends HttpServlet {

    private static final long serialVersionUID = 1L;

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

        PrintWriter p= response.getWriter();

        response.setContentType("text/html");

        p.println("Welcome To Dashboard");

        p.println("<a href='logout'>Logout</a>");

    }

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

        // TODO Auto-generated method stub

        doGet(request, response);

    }

}

```

-----LOGOUT SERVLET-----

```
package com.login;
```

```
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 logoutc extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

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

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

```
        HttpSession session =request.getSession(false);
```

```
        if(session!=null) {
```

```
            //empty the session
```

```
            session.invalidate();
```

```

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

    else {

        out.print("Kindly Login First");
    }

}

```

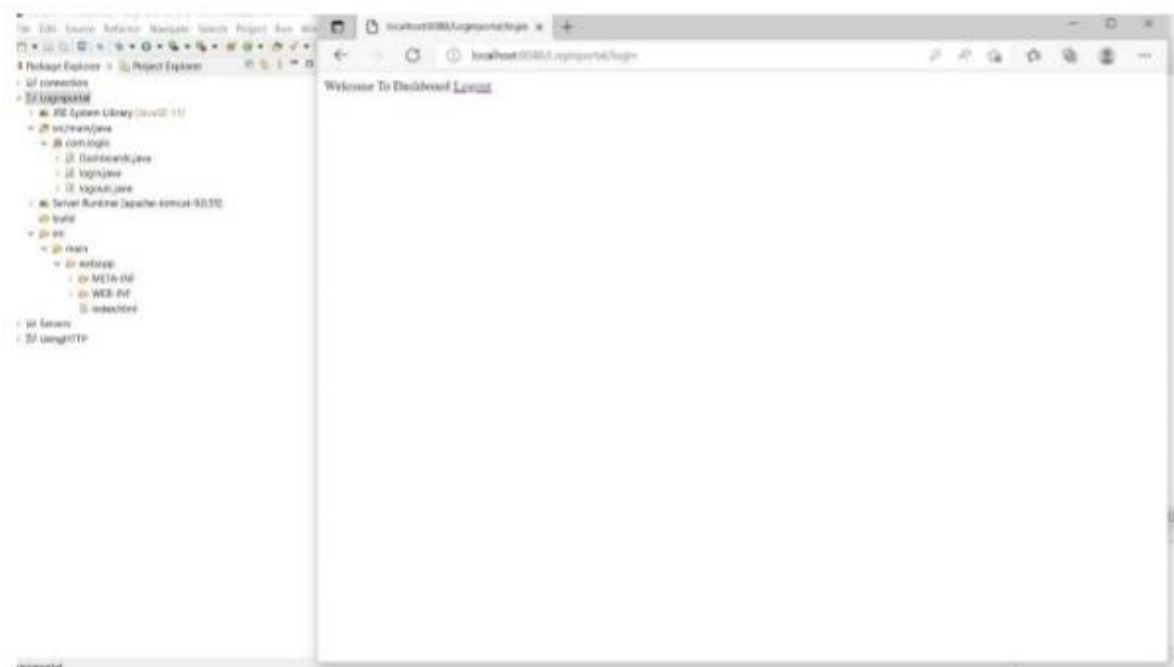
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException

```

        doGet(request, response);
    }
}

```

Output:



← → ↻ ⓘ localhost:8080/loginportal/login

Name:

Password:

Invalid Credential