

Validation of the User Login

LOGIN :

```
package Phase2;

import java.io.IOException;
import java.io.PrintWriter;


import jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import jakarta.servlet.http.HttpSession;
@WebServlet("/Login")
public class Login extends HttpServlet {
    private static final long serialVersionUID = 1L;
    public Login() {
        super();
    }

    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws
ServletException, IOException {
    String uname=request.getParameter("txtUname");
    String pwd=request.getParameter("txtPassword");
```

```

PrintWriter out=response.getWriter();
if(uname.equalsIgnoreCase("phani") && pword.equals("12345")){
    out.println("You are Welcomed");
}
else
    out.println("Invalid Username or Password");
}

protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws
ServletException, IOException {
    String uname=request.getParameter("txtUname");
    String pword=request.getParameter("txtPassword");
    PrintWriter out=response.getWriter();
    RequestDispatcher rd;
    if(uname.equalsIgnoreCase("phani") && pword.equals("12345")){

        HttpSession session=request.getSession(true);
        session.setAttribute("username",uname);
        out.println("You are Welcomed");
        rd=request.getRequestDispatcher("Welcome");
        rd.forward(request, response);}
    else {
        out.println("Invalid Username or Password");
        rd=request.getRequestDispatcher("<h1>Userlogin.html</h1>");
        rd.include(request, response);
    }}

```

LOGOUT:

```
package Phase2;

import java.io.IOException;

import jakarta.servlet.ServletException;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;

public class Logout extends HttpServlet {

    private static final long serialVersionUID = 1L;

    public Logout() {

    }

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

        response.getWriter().append("Served at: ").append(request.getContextPath());

    }

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

        doGet(request, response);

    }

}
```

WELCOME:

```
package Phase2;
```

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

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

```
import java.util.Date;
```

```
import jakarta.servlet.ServletException;
```

```
import jakarta.servlet.annotation.WebServlet;
```

```
import jakarta.servlet.http.HttpServlet;
```

```
import jakarta.servlet.http.HttpServletRequest;
```

```
import jakarta.servlet.http.HttpServletResponse;
```

```
import jakarta.servlet.http.HttpSession;
```

```
@WebServlet("/Welcome")
```

```
public class Welcome extends HttpServlet {
```

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

```
    public Welcome() {
```

```
        super();
```

```
    }
```

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

```
        response.getWriter().append("Served at:
").append(request.getContextPath());
    }
```

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

```
    PrintWriter out=response.getWriter();
    HttpSession session=request.getSession();
    String uname=(String)session.getAttribute("username");
    out.println("<h1>Welcome User "+uname+" you have successfully
logged into the application</h1>" +new Date());
    out.println("<a href='Logout'>Logout</a>");
    }
}
```

HTML CODE:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h2>User Login application</h2>
<form action="Login" method="post">
UserName:<input type="text" name="txtUname">
Password:<input type="password" name="txtPassword">
<input type="Submit" value="Login">
<a href="Logout">Logout</a>
</form>
</body>
</html>
```