

## Validation of the User Login.

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### Dashboard

```
package com.java.userlogin;

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("/dashboard")
public class Dashboard extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        response.setContentType("text/html");

        HttpSession session = request.getSession();

        PrintWriter out = response.getWriter();

        // Check whether the session already exists
        if ((session.getAttribute("userName") != null) &&
            (session.getAttribute("userPassword") != null)) {

            out.println("<h3>Welcome " + session.getAttribute("userName"));

            out.println("<br> You are now logged in...</h3>");

            out.println("<p><h4><a href='logout'>LOGOUT</a></h4>");

        }

        else {
            response.sendRedirect("index.html");
        }

    }

}
```

## Login

```
package com.java.userlogin;
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 {

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
        // Set the content type
        response.setContentType("text/html");

        // Get the writer
        PrintWriter out = response.getWriter();

        // Get the userName from the request
        String uName = request.getParameter("userName");
        String uPassword = request.getParameter("userPassword");

        // Get a reference to the HttpSession object
        HttpSession theSession = request.getSession();

        // Validate the username
        if(uName.trim().equals("admin_mp") &&
        uPassword.trim().equals("mphasis99")) {
            // Save the username in the session
            theSession.setAttribute("userName", uName);
            theSession.setAttribute("userPassword", uPassword);
            // Redirect to the Dashboard
            response.sendRedirect("dashboard");
        }
        else {
            out.println("<font color='red'>Invalid username or
            Password...</font>");
            RequestDispatcher dispatcher =
            request.getRequestDispatcher("index.html");
            dispatcher.include(request, response);
        }
    }
}
```

## Logout

```
package com.java.userlogin;

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;

@WebServlet("/logout")
public class Logout extends HttpServlet {

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html");

        PrintWriter out = response.getWriter();

        // Invalidate the session here
        request.getSession().invalidate();

        out.println("<h2>You are now logged out...<br>");

        out.println("<a href='index.html'>Login again</a>");
    }
}
```

## Validation of userlohin.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>User Login</title>
</head>
<body>
<h1>User Login</h1>
<hr>
<form action="Login">
<input type="text" name="userName" placeholder="Your username"><br>
<input type="password" name="userPassword" placeholder="Password"><br>
<input type="submit" value="LOGIN">
</form>
</body>
</html>
```