# Validation of User Login

**Dashboard**

```java
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**

```java
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**

```java
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 UserLogin.html**

```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>
```