## Validation of the User Login

## Dashboard

**package** com.assignment;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**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.assignment;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**public** **class** Login **extends** HttpServlet {

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

**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") && uPassword.trim().equals("admin99"))

{

// 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.assignment;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**public** **class** Logout **extends** HttpServlet {

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

**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>");

}

}

## Index.html

<!DOCTYPE html>

<html>

<head>

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

<title>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>