ASSIGNMENT OF SESSION

Html code:

```
■ Login.html ×  LoginServlet.java
                              LogoutServlet.java
                                                           ■ Welcome.jsp
                                                 Error.jsp
 1 <!DOCTYPE html>
 20<html lang="en">
 30<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
       <title>Login</title>
 8e <body>
        <h2>Login Page</h2>
        <form action="LoginServlet" method="post">
109
            <label for="username">Username:</label>
11
            <input type="text" id="username" name="username" required>
12
13
            <br><br><br>></pr>
            <label for="password">Password:</label>
            <input type="password" id="password" name="password" required>
17
            <input type="submit" value="Login">
       </form>
19 </body>
```

Loginservlet code

```
28•
29
30
•31•
          protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
32
               response.getWriter().append("Served at: ").append(request.getContextPath());
          protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
40
               doGet(request, response);
HttpSession session = request.getSession(false);
if (session != null) {
                     session.invalidate();
               response.sendRedirect("Login.html");
30 import jakarta.servlet.ServletException;
4 import jakarta.servlet.annotation.WebServlet;
5 import jakarta.servlet.http.HttpServlet;
6 import jakarta.servlet.http.HttpServletRequest
7 import jakarta.servlet.http.HttpServletRespon;
8 import jakarta.servlet.http.HttpServletRespon;
              jakarta.servlet.http.HttpServletRequest;
              jakarta.servlet.http.HttpServletResponse;
10 import java.io.IOException;
13 * Servlet implementation class LoginServlet
14 */
15
17 public class LoginServlet extends HttpServlet {
18 private static final long serialVersionUID = 1L;
         public LoginServlet() {
    super();
               // TODO Auto-generated constructor stub
25
26
27
          protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
310
               // TODO Auto-generated method stub
32
               response.getWriter().append("Served at: ").append(request.getContextPath());
```

Logoutservlet code

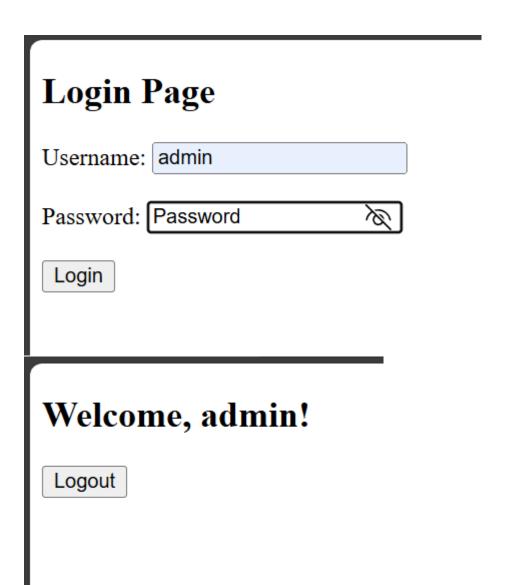
```
jakarta.servlet.ServletException;
          jakarta.servlet.annotation.WebServlet;
          jakarta.servlet.http.HttpServlet;
          jakarta.servlet.http.HttpServletRequest;
          jakarta.servlet.http.HttpServletResponse;
         jakarta.servlet.http.HttpSession;
 import java.io.IOException;
public class LogoutServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;
          super();
// TODO Auto-generated constructor stub
     protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
           response.getWriter().append("Served at: ").append(request.getContextPath());
        * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
                  d void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
            doGet(request, response);
  String username = request.getParameter("username");
   String password = request.getParameter("password");
                 // Simulated user validation: In a real application, validate against a database
if ("admin".equals(username) && "password".equals(password)) {
   HttpSession session = request.getSession(true);
   session.setAttribute("username", username);
   response.sendRedirect("Welcome.jsp");
                       response.sendRedirect("Error.jsp");
```

Welcome jsp code

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
       pageEncoding="UTF-8"%>
       <%@ page import="jakarta.servlet.http.HttpSession" %>
 69<%
       HttpSession session2 = request.getSession(false);
       if (session2 == null | | session2.getAttribute("username") == null) {
           response.sendRedirect("login.html");
11
           String username = (String) session2.getAttribute("username");
12 %>
13 <!DOCTYPE html>
140 < html lang="en">
15e < head>
16
       <meta charset="UTF-8">
17
       <meta name="viewport" content="width=device-width, initial-scale=1.0">
       <title>Welcome</title>
209 < body >
21
       <h2>Welcome, <%= username %>!</h2>
22●
       <form action="LogoutServlet" method="post">
           <input type="submit" value="Logout">
       </form>
25 </body>
26 </html>
27€<%
28
29 %>
30
```

Error jsp code

Output for correct username & password



Output for incorrect username & password

Username: Bonheur90

Password: 9090

Login

Login Failed

Invalid username or password. Please try again.