LAB Exercise – 9

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Html file

```html
<!DOCTYPE html>
<html>
    <head>
        <title>Login Page</title>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    </head>
    <body>
    <form action="LoginServlet" method="post">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username" required><br>

        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required><br>

        <input type="submit" value="Login">
    </form>
</body>
</html>
```
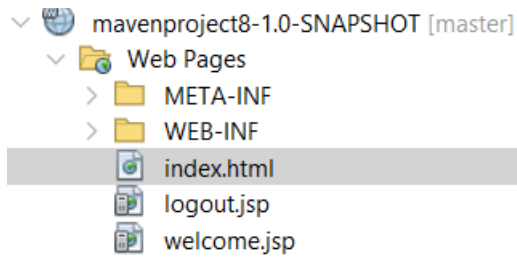
Logout.jsp file

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<%@ page import="java.sql.Connection, java.sql.DriverManager, java.sql.PreparedStatement, java.sql.Timestamp"%>

<%
    // Check if the user is logged in
    HttpSession session1 = request.getSession(false);
    if (session1 != null && session1.getAttribute("username") != null) {
        String username = (String) session1.getAttribute("username");

        // Update logout time in the database
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost/Login", "root", "");

            String query = "UPDATE user_sessions SET logout_time = ? WHERE username = ?";
            try (PreparedStatement pst = con.prepareStatement(query)) {
                pst.setTimestamp(1, new Timestamp(System.currentTimeMillis()));
                pst.setString(2, username);
                pst.executeUpdate();
                System.out.println("Logout"+new Timestamp(System.currentTimeMillis()));

            }

            con.close();
        } catch (Exception e) {
            e.printStackTrace();
        }
```

Welcome.Jsp file

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<%@ page import="java.util.Date, java.text.SimpleDateFormat" %>

<!DOCTYPE html>
<html>
<head>
    <title>Welcome Page</title>
</head>
<body>
    <%
        HttpSession session1 = request.getSession(false);

        // Check if the user is logged in
        if (session1 != null && session1.getAttribute("username") != null) {
            String username = (String) session1.getAttribute("username");
            Date loginTime = (Date) session1.getAttribute("loginTime");

            // Format the login time using SimpleDateFormat
            SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
            String formattedLoginTime = sdf.format(loginTime);

            // Display user information
    %>
        <h2>Welcome, <%= username %></h2>
        <p>Login Time: <%= formattedLoginTime %></p>
        <!-- Add your content for the welcome page here -->
        <a href="logout.jsp">Logout</a>
    <%
        } else {
            // Redirect to login page if the user is not logged in
```

```
<title>Welcome Page</title>
head>
ody>
<%
    HttpSession session1 = request.getSession(false);

    // Check if
    if (session                                          ) != null) {
        String                                    rname");
        Date lo                                    Time");

        // For
        SimpleD                                    -dd HH:mm:ss");
        String

        // Display user information
%>
        <h2>Welcome, <%= username %></h2>
        <p>Login Time: <%= formattedLoginTime %></p>
        <!-- Add your content for the welcome page here -->
        <a href="logout.jsp">Logout</a>
<%
    } else {
        // Redirect to login page if the user is not logged in
```

Git Repository Browser

project8 - C:\Users\ismaeeel\Desktop\mavenproject8\mavenproject8 ✕   **Run (mavenproject8-1.0-SNAPSHOT)** ✕

```
oying on Apache Tomcat or TomEE
profile mode: false
debug mode: false
force redeploy: true
```

Run (mavenproject8-1.0-SNAPSHOT) ▮▮▮▮▮▮▮▮▮▮ 50%   ✕ (1 more...) ②

Output ✕   Git Repository Browser

mavenproject8 - C:\Users\ismaeeel\Desktop\mavenproject8\mavenproject8 ✕   Run (mavenproject8-1.0-SNAPSHOT) ✕

```
    ------------------------------------------------------------------
    BUILD SUCCESS
    ------------------------------------------------------------------
    Total time:  1.747 s
```