
 Marwadi University Marwadi Chandarana Group 	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: Advanced Java	Aim: Develop JSP application to perform login - logout(session handling) using cookies, also include sendRedirect and RequestDispatcher for forwarding.	
Experiment :- 6	Date:- 10-03-2025	Enrollment No:- 92200133003

Objective : Develop JSP application to perform login - logout(session handling) using cookies, also include sendRedirect and RequestDispatcher for forwarding.

CODE:

Index.jsp

```
<!DOCTYPE html>
<html>
<head><title>Login Page</title></head>
<body>
  <h2>Login</h2>
  <form method="post" action="login.jsp">
    Username: <input type="text" name="username" required /><br>
    Password: <input type="password" name="password" required /><br>
    <input type="submit" value="Login" />
  </form>
</body>
</html>
```

Login.jsp

```
<%@ page import="javax.servlet.http.*, javax.servlet.*" %>
<%
  String user = request.getParameter("username");
  String pass = request.getParameter("password");

  if("prashant".equals(user) && "admin123".equals(pass)) {
    session.setAttribute("user", user);

    Cookie cookie = new Cookie("user", user);
    cookie.setMaxAge(60*60); // 1 hour
    response.addCookie(cookie);

    RequestDispatcher rd = request.getRequestDispatcher("wc.jsp");
    rd.forward(request, response);
  } else {
    response.sendRedirect("error.jsp");
  }
%>
```

Logout.jsp

```
<%
  session.invalidate();

  Cookie[] cookies = request.getCookies();
  if (cookies != null) {
    for(Cookie c : cookies){
      if(c.getName().equals("user")){
        c.setMaxAge(0);
        response.addCookie(c);
      }
    }
  }

  response.sendRedirect("login.jsp");
%>
```

Welcome.jsp

```
<%@ page import="javax.servlet.http.*, javax.servlet.*" %>
<%
  // Don't redeclare session — it's already available
  String user = (String)session.getAttribute("user");
```

```

if(user == null) {
    response.sendRedirect("index.jsp");
    return;
}
%>

<html>
<head><title>Welcome</title></head>
<body>
    <h2>Welcome, <%= user %>!</h2>
    <p><a href="logout.jsp">Logout</a></p>
</body>
</html>

```

Error.jsp

```

<html>
<head><title>Login Failed</title></head>
<body>
    <h2>Invalid Credentials!</h2>
    <a href="index.jsp">Try Again</a>
</body>
</html>

```

OUTPUT

Without login

The screenshot shows a web browser at `localhost:8080/Login/login.jsp`. The page displays a login form with fields for "Username:" and "Password:", and a "Login" button. The Chrome DevTools Application tab is open, showing the cookies for the current page. The cookies table is as follows:

Name	Value	Domain	Path	Expires...	Size	HttpO...	Secure
_ga	GA1.1.1670897724.1742284182	localhost	/	2026-0...	30		
_ga_XNFPX8D1YR	GS1.1.1742788241.6.1.1742788242.0.0.0	localhost	/	2026-0...	51		
JSESSIONID	175FCE83827BD651865827E8A7550824	localhost	/Login	Session	42	✓	
mailpoet_page_view	%7B%22timestamp%22%3A1723712272%7D	localhost	/	2025-0...	52		

Cookies Stored

The screenshot shows a web browser at `localhost:8080/Login/login.jsp`. The page displays a welcome message "Welcome, prashant!" and a "Logout" link. The Chrome DevTools Application tab is open, showing the cookies for the current page. The cookies table is as follows:

Name	Value	Domain	Path	Expires...	Size	HttpO...	Secure
_ga	GA1.1.1670897724.1742284182	localhost	/	2026-0...	30		
_ga_XNFPX8D1YR	GS1.1.1742788241.6.1.1742788242.0.0.0	localhost	/	2026-0...	51		
JSESSIONID	175FCE83827BD651865827E8A7550824	localhost	/Login	Session	42	✓	
mailpoet_page_view	%7B%22timestamp%22%3A1723712272%7D	localhost	/	2025-0...	52		
user	prashant	localhost	/Login	2025-0...	12		

Cookies Deleted

The screenshot shows a web browser at `localhost:8080/Login/index.jsp`. The page displays the login form with fields for "Username:" and "Password:", and a "Login" button. The Chrome DevTools Application tab is open, showing the cookies for the current page. The cookies table is as follows:

Name	Value	Domain	Path	Expires...	Size	HttpO...	Secure
_ga	GA1.1.1670897724.1742284182	localhost	/	2026-0...	30		
_ga_XNFPX8D1YR	GS1.1.1742788241.6.1.1742788242.0.0.0	localhost	/	2026-0...	51		
JSESSIONID	9E744F0C7D43971FA480C07212C73857	localhost	/Login	Session	42	✓	
mailpoet_page_view	%7B%22timestamp%22%3A1723712272%7D	localhost	/	2025-0...	52		