

EXPERIMENT 6

OUTPUT –



localhost:8080/SessionApp/login.html

Login Form

Username:

Password:



localhost:8080/SessionApp/dashboard

Welcome admin

[Logout](#)

PROGRAMS –

```
login.html X LoginServlet.java DashboardServlet.java LogoutServlet.java web.xml
File Edit View

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

```
login.html LoginServlet.j X DashboardServlet.java LogoutServlet.java web.xml
File Edit View

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class LoginServlet extends HttpServlet {

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        String username = request.getParameter("username");
        String password = request.getParameter("password");

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        if (username.equals("admin") && password.equals("1234")) {

            HttpSession session = request.getSession();
            session.setAttribute("username", username);
            session.setMaxInactiveInterval(60);

            response.sendRedirect("dashboard");
        } else {
            out.println("<h3>Invalid Credentials</h3>");
            out.println("<a href='login.html'>Try Again</a>");
        }
    }
}
```

```
login.html | LoginServlet.java | DashboardServlet.java | LogoutServlet.java | web.xml
File Edit View

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

public class DashboardServlet extends HttpServlet {

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        HttpSession session = request.getSession(false);
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        if (session != null && session.getAttribute("username") != null) {
            String user = (String) session.getAttribute("username");

            out.println("<h2>Welcome " + user + "</h2>");
            out.println("<a href='logout'>Logout</a>");
        } else {
            response.sendRedirect("login.html");
        }
    }
}
```

```
login.html | LoginServlet.java | DashboardServlet.java | LogoutServlet.java | web.xml
File Edit View

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;

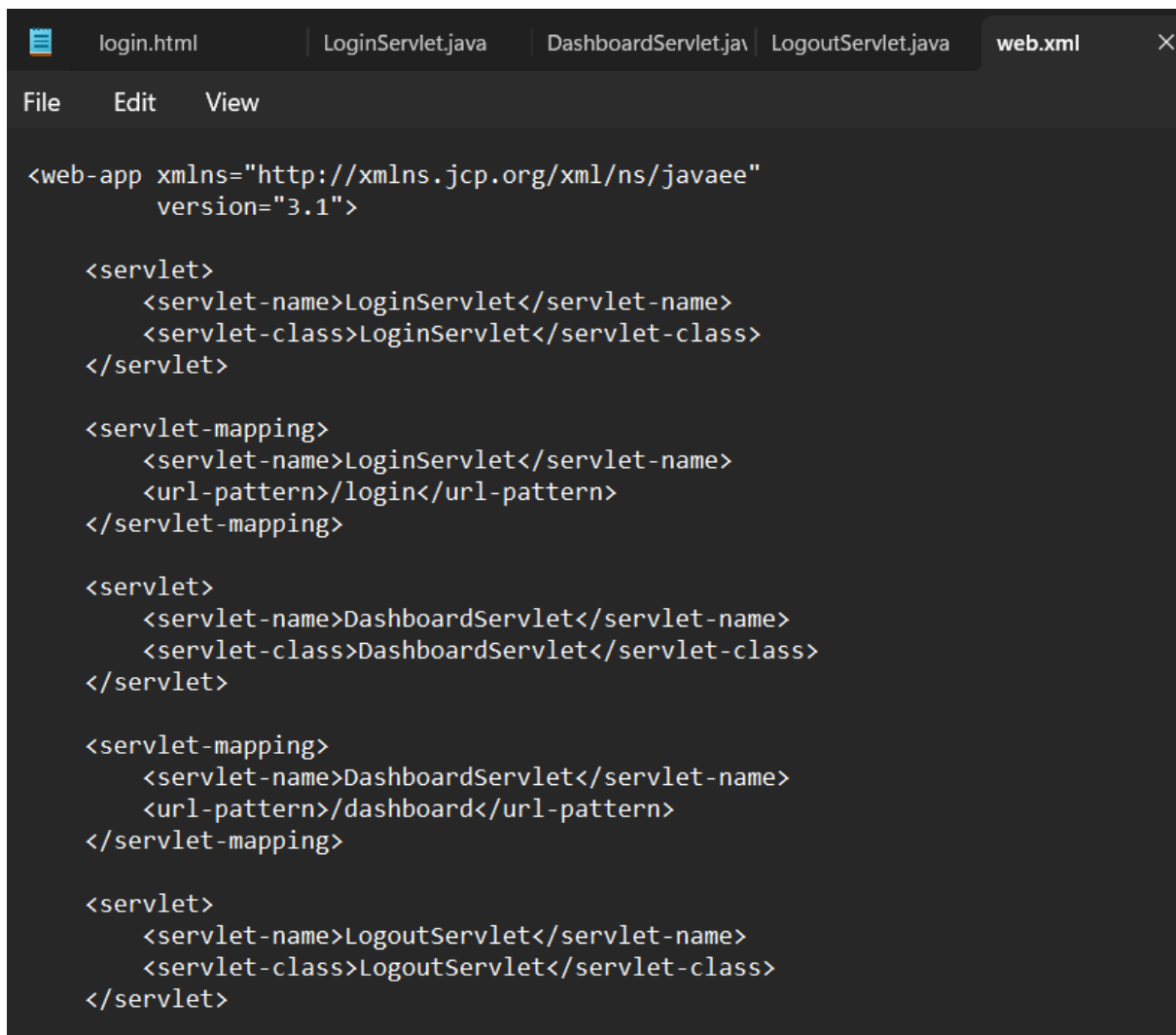
public class LogoutServlet extends HttpServlet {

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        HttpSession session = request.getSession(false);

        if (session != null) {
            session.invalidate();
        }

        response.sendRedirect("login.html");
    }
}
```



```
<web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
    version="3.1">

    <servlet>
        <servlet-name>LoginServlet</servlet-name>
        <servlet-class>LoginServlet</servlet-class>
    </servlet>

    <servlet-mapping>
        <servlet-name>LoginServlet</servlet-name>
        <url-pattern>/login</url-pattern>
    </servlet-mapping>

    <servlet>
        <servlet-name>DashboardServlet</servlet-name>
        <servlet-class>DashboardServlet</servlet-class>
    </servlet>

    <servlet-mapping>
        <servlet-name>DashboardServlet</servlet-name>
        <url-pattern>/dashboard</url-pattern>
    </servlet-mapping>

    <servlet>
        <servlet-name>LogoutServlet</servlet-name>
        <servlet-class>LogoutServlet</servlet-class>
    </servlet>

</web-app>
```