SOURCE CODE

index.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>JSP Sessions</title>
</head>
<body>
<%
  if (request.getParameter("error") != null)
          out.println("<b>Your session has expired or is
invalid.</b><br>");
%>
<form action="login.jsp" method="post">
<center>
<h4>LOGIN PAGE</h4>
 Name <input name="name" id="name" maxlength=40><br><br>
  Password <input type="password" name="pwd" id="pwd"
maxlength="10"><br><br><br>
  <button>Submit</button>
</center>

</form>
</body>
</html>
```

login.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<%

        String name = request.getParameter("name");
        String pwd = request.getParameter("pwd");

        if (name == null || name.equals("") || pwd == null ||
pwd.equals("")) {
                response.sendRedirect("index.jsp?error=1");
        } else {

                session.setAttribute("name", name);
                response.sendRedirect("dashboard.jsp");

        }
```

```
%>
```

dashboard.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Dashboard</title>
</head>
<body>
<%
        if (session.getAttribute("name") == null) {
                response.sendRedirect("index.jsp?error=1");
        }
%>
<center>
<br><br>
<b>Hello <%= session.getAttribute("name") %></b><br><br>
<a href="logout.jsp">Logout</a></center>
</body>
</html>
```

logout.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Session Logout</title>
</head>
<body>
<%
        session.invalidate();
%>
<center>
<b>Your session has terminated.</b><br>
<a href="index.jsp">Login again</a>
</center>
</body>
</html>
```