

5 .Write a program to demonstrate session handling in JSP.

Index.jsp:

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF 8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<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">
Name <input name="name" id="name" maxlength=40><br>
Password <input type="password" name="pwd" id="pwd" maxlength="10"><br>
<button>Submit</button>
</form>
</body>
</html>
```

Login.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:

```
<%@ 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");
}
```

```
}  
<%>  
<b>Hello <%= session.getAttribute("name") %></b><br>  
<a href="logout.jsp">Click here to logout</a>  
</body>  
</html>
```

Logout.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();  
>%>  
<b>Your session has terminated.</b><br>  
<a href="index.jsp">Login again</a>  
</body>  
</html>
```