

HttpSession Session Management in Servlet

ServletDemo2

Login.java

```
package in.sp.backend;

import java.io.IOException;
import java.io.PrintWriter;

import jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import jakarta.servlet.http.HttpSession;
import jakarta.websocket.Session;

@WebServlet("/index")
public class Login extends HttpServlet
{
    protected void service(HttpServletRequest request,HttpServletResponse
response)throws ServletException,IOException
    {
        String myemail=request.getParameter("email1");
        String mypass=request.getParameter("pass1");

        PrintWriter out=response.getWriter();

        if(myemail.equals("mohitekaran18@gmail.com") &&
mypass.equals("karan123"))
        {
//            request.setAttribute("name_key","karan mohite");

            HttpSession session=request.getSession();
            session.setAttribute("name_key","karan Mohite");

            RequestDispatcher rd=(RequestDispatcher)
request.getRequestDispatcher("/profile.jsp");
            rd.forward(request,response);
        }
    }
}
```

```

        else
        {
            response.setContentType("text/html");
            out.print(" <h3 style='color:red'> Email id and
password didnt matched </h3>");
            RequestDispatcher
rd=request.getRequestDispatcher("/login.html");
            rd.include(request,response);
        }
    }
}

```

Login.html

```

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <form action="index" method="post">
        <input type="text" name="email1" placeholder="Enter
Email"><br><br>
        <input type="password" name="pass1" placeholder="Enter
Password"><br><br>
        <input type="submit" value="Login"><br><br>
    </form>
</body>
</html>

```

Profile.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">

```

[illegible]

Home.jsp

[illegible]

About.jsp

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
```

Logout.java

```
package in.sp.backend;

import java.io.IOException;

import jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import jakarta.servlet.http.HttpSession;

@WebServlet("/logout")
public class Logout extends HttpServlet
{
    protected void doGet(HttpServletRequest request,HttpServletResponse
response)throws ServletException,IOException
    {
        HttpSession session=request.getSession();
        session.invalidate(); //Delete all session

        RequestDispatcher rd=request.getRequestDispatcher("/login.html");
        rd.forward(request,response);
    }
}
```

