

## Source Code for UserLogInValidaion:

### 1. DashboardServlet:

```
package project;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet("/dashboard")
public class DashboardServlet extends HttpServlet {

    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException,
IOException {

        PrintWriter out= resp.getWriter();

        //neededto read html type
        resp.setContentType("text/html");

        HttpSession session= req.getSession(false);

        if(session!=null) {

            String userFromSession=(String) session.getAttribute("email");

            if(userFromSession!=null) {
                out.print("User Exist "+userFromSession);
                out.print("<a href='logout'>Logout</a>");
            }
            else {
                out.print("Kindly Login First");
            }
        }

        @Override
        protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException,
IOException {

            // TODO Auto-generated method stub
            doGet(req, resp);

        }
    }
}
```

## 2.LoginServlet:

```
package project;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet("/login")
public class LoginServlet extends HttpServlet{

    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException,
    IOException {

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

        String email =req.getParameter("userid");
        String password =req.getParameter("pass");

        //add user in the session once the login is done
        if(email.equalsIgnoreCase("mouni@gmail.com") &&
password.equalsIgnoreCase("mouni@1305")) {

            HttpSession session=req.getSession();
            session.setAttribute("email", email);
            session.setAttribute("pass", password);
            resp.sendRedirect("dashboard");
        }

        else {
            resp.sendRedirect("index.html");
        }
    }

    @Override
    protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException,
    IOException {
        // TODO Auto-generated method stub
        doGet(req, resp);
    }
}
```

### 3. LogoutServlet:

```
package demo;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet("/logout")
public class LogoutServlet extends HttpServlet {

    @Override
    protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException,
    IOException {
        // TODO Auto-generated method stub
        PrintWriter out=resp.getWriter();

        HttpSession session= req.getSession(false);

        if(session!=null) {

            session.invalidate();
            out.print("Logged Out Successfully");
        }
        else {
            out.print("Kindly login First");
        }

    }

    @Override
    protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException,
    IOException {
        // TODO Auto-generated method stub
        doGet(req, resp);
    }

}
```

**4.index.html:**

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="login" method="post">
<input type="text" name="userid" placeholder="enter your email">
<br>
<input type="password" name="pass" placeholder="enter your password">
<br>
<input type="submit" value="Login">
</form>

</body>
</html>
```