Index.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Login Validation</title>
</head>
<body>
<form method="get" action="login">

<input type="text" name ="userName" placeholder="name"></input>
<br></br>
<input type="password" name ="userPassword"
placeholder="password"></input>
<br></br>
<input type="submit" value="Login"></input>


</form>

</body>
</html>
```

Login Code:

```java
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.RequestDispatcher;
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 Login extends HttpServlet {

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
//          Set the content type
            response.setContentType("text/html");

//          Get the writer
            PrintWriter out = response.getWriter();

//          Get the userName from the request
            String uName = request.getParameter("userName");
            String uPassword = request.getParameter("userPassword");

//          Get a reference to the HttpSession object
            HttpSession theSession = request.getSession();

//          Validate the username
            if(uName.trim().equals("admin")  &&
uPassword.trim().equals("compnay12345")) {
//              Save the username in the session
                theSession.setAttribute("userName", uName);
                theSession.setAttribute("userPassword", uPassword);
//              Redirect to the Dashboard
                response.sendRedirect("dashBoard");

            }
            else {
                out.println("<font color='red'>Invalid username or
Password...</font>");
```

```java
                RequestDispatcher dispatcher =
request.getRequestDispatcher("index.html");
                dispatcher.include(request, response);
        }


    }

}
```

DashBoard Code:

```java
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 DashBoard extends HttpServlet {
    private static final long serialVersionUID = 1L;

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

        response.setContentType("text/html");

        HttpSession session = request.getSession();

        PrintWriter out = response.getWriter();

//        Check whether the session already exists
        if ((session.getAttribute("userName") != null) &&
(session.getAttribute("userPassword") != null)) {

            out.println("<h3>Welcome " +
session.getAttribute("userName"));
```

```
                out.println("<br> You are now logged in...</h3>");

                out.println("<p><h4><a
href='logout'>LOGOUT</a></h4>");
            }

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

        }

}
```

Logout Code:

```java
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;


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

        protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
                response.setContentType("text/html");

                PrintWriter out = response.getWriter();

//              Invalidate the session here
                request.getSession().invalidate();

                out.println("<h2>You are now logged out...<br>");

                out.println("<a href='index.html'>Login again</a>");
```

```
        }

    }
```