First File:

# Index.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>

Second File

Login Code:

**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>");

RequestDispatcher dispatcher = request.getRequestDispatcher("index.html");

dispatcher.include(request, response);

}

}

}

# Third File – DASH BOARD CODE:

**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");

}

}

# Fourth File – LOGOUT C:

**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>");

}

}