**Html Code:**

|  |  |
| --- | --- |
|  |  |

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</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 Servlet**

**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("yusuf") &&

uPassword.trim().equals("12345")) {

// 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);

}

}

}

**Logout Servlet:**

**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>");

}

}

**Dashboard:**

**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 {

**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");

}

}

}

**Web.xml**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"* id=*"WebApp\_ID"* version=*"4.0"*>

<display-name>ValidationOfEmail</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.jsp</welcome-file>

<welcome-file>default.htm</welcome-file>

</welcome-file-list>

</web-app>