<?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\_3\_1.xsd"* id=*"WebApp\_ID"* version=*"3.1"*>

<display-name>attribtest</display-name>

<welcome-file-list>

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

</welcome-file-list>

<servlet>

<servlet-name>LoginServlet</servlet-name>

<servlet-class>com.setch.atrib.test.LoginServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>LoginServlet</servlet-name>

<url-pattern>/login</url-pattern>

</servlet-mapping>

<servlet>

<servlet-name>WelcomeServlet</servlet-name>

<servlet-class>com.setch.atrib.test.WelcomeServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>WelcomeServlet</servlet-name>

<url-pattern>/welcome</url-pattern>

</servlet-mapping>

<servlet>

<servlet-name>ErrorServlet</servlet-name>

<servlet-class>com.setch.atrib.test.ErrorServlet</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>ErrorServlet</servlet-name>

<url-pattern>/error</url-pattern>

</servlet-mapping>

</web-app>

LoginForm.html

<!DOCTYPEhtml>

<html>

<head>

<title>Login</title>

</head>

<body>

<form action=*"./login"*method=*"post"*>

userid<input type=*"text"*name=*"uid"*/><br/>

password <input type=*"password"*name=*"pwd"*/><br/>

<input type=*"submit"*value=*"Submit"*/>

</form>

</body>

</html>

LoginServlet.java

**package** com.setch.atrib.test;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletContext;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**public** **class** LoginServlet **extends** HttpServlet {

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

@Override

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

resp.setContentType("text/html");

PrintWriter out = resp.getWriter();

String userId = req.getParameter("uid");

String passWord = req.getParameter("pwd");

**if**(userId.equals("sailotech")&&passWord.equals("java"))

{

RequestDispatcher requestDispatcher = req.getRequestDispatcher("welcome");

ServletContext applicationContext = req.getServletContext();

applicationContext.setAttribute("job","manager");

applicationContext.setAttribute("dept","admin");

requestDispatcher.forward(req, resp);

}

**else**

{

out.println("Sorry invalid user, try again !");

ServletContext appContext = req.getServletContext();

appContext.setAttribute("uid", userId);

RequestDispatcher requestDispatcher = req.getRequestDispatcher("error");

requestDispatcher.include(req, resp);

}

}

@Override

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

doPost(req, resp);

}

}

WelcomeServlet.java

**package** com.setch.atrib.test;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletContext;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**public** **class** WelcomeServlet **extends** HttpServlet{

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

@Override

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

resp.setContentType("text/html");

PrintWriter out = resp.getWriter();

String userId = req.getParameter("uid");

out.println("<h1> Welcome to user : "+userId+"</h1>");

ServletContext applicationContext = req.getServletContext();

String job = (String)applicationContext.getAttribute("job");

String dept = (String)applicationContext.getAttribute("dept");

out.println("<h1> Your Job : "+job+"</h1>");

out.println("<h1> Your dept : "+dept+"</h1>");

out.println("<h1>the above information from context</h1>");

}

@Override

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

doPost(req,resp);

}

}

ErrorServlet.java

**package** com.setch.atrib.test;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletContext;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**public** **class** ErrorServlet **extends** HttpServlet{

/\*\*

\*

\*/

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

@Override

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

resp.setContentType("text/html");

PrintWriter out = resp.getWriter();

ServletContext appContext = req.getServletContext();

String uid =(String) appContext.getAttribute("uid");

out.println("<h1> Your Login user is "+uid+" does not exist</h1>");

RequestDispatcher requestDispatcher = req.getRequestDispatcher("LoginForm.html");

requestDispatcher.include(req, resp);

}

@Override

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

doPost(req,resp);

}

}