# ASSIGNMENT 2

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**Roll No:** TYCOC213

**Batch:** C/C-3

**CODES:**

**WEB.XML**

```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>Struts2 Hello World Example</display-name>

<welcome-file-list>
        <welcome-file>login.jsp</welcome-file>
</welcome-file-list>

<filter>
        <filter-name>struts2</filter-name>

<filter-class>org.apache.struts2.dispatcher.filter.StrutsPrepareAndExecuteFilter</filter-class>
</filter>

<filter-mapping>
        <filter-name>struts2</filter-name>
        <url-pattern>/*</url-pattern>
</filter-mapping>

</web-app>
```

**LOGIN.JSP**

```jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
        pageEncoding="UTF-8"%>
<%@taglib uri="/struts-tags" prefix="s" %>

<!DOCTYPE html>
<html>
<head>
        <meta charset="UTF-8">
        <title>Login Page</title>
</head>

<body bgColor="lightBlue">
```

```
<s:form action="Welcome">
```

```
                <s:textfield name="userName" label="User Name" />
                <s:password name="password" label="Password" />
                <s:submit value="Say Hello" />
        </s:form>
</body>
</html>
```

## WELCOME.JSP

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
        pageEncoding="UTF-8"%>
<%@taglib uri="/struts-tags" prefix="s" %>

<!DOCTYPE html>
<html>
<head>
        <meta charset="UTF-8">
        <title>Welcome Page</title>
</head>

<body>
        <h2> Hello World Example in Struts 2</h2>
        <h3> Hello <s:property value="userName"/> !!! </h3>
</body>

</html>
```

## WELCOMEACTION.JAVA

```java
package com.GeeksforGeeks.struts2;

import com.opensymphony.xwork2.ActionSupport;

public class WelcomeAction extends ActionSupport {

        // Java bean to hold the form parameters
        private String userName;

        public String getUserName() {
                return userName;
        }

        public void setUserName(String userName) {
                this.userName = userName;
        }
```

```
        // All struts logic goes here
        public String execute() {
                return SUCCESS;
        }

}
```

**STRUTS.XML**
```xml
<?xml version="1.0" encoding="UTF-8" ?>

<!DOCTYPE struts PUBLIC
        "-//Apache Software Foundation//DTD Struts Configuration 2.0//EN"
        "http://struts.apache.org/dtds/struts-2.0.dtd">

<struts>

        <constant name="struts.custom.i18n.resources" value="WelcomeAction" />

        <package name="default" extends="struts-default" namespace="/">
                <action name="Welcome" class="com.GeeksforGeeks.struts2.WelcomeAction" >
                        <result name="success">welcome.jsp</result>
                        <result name="input">login.jsp</result>
                </action>
        </package>

</struts>
```
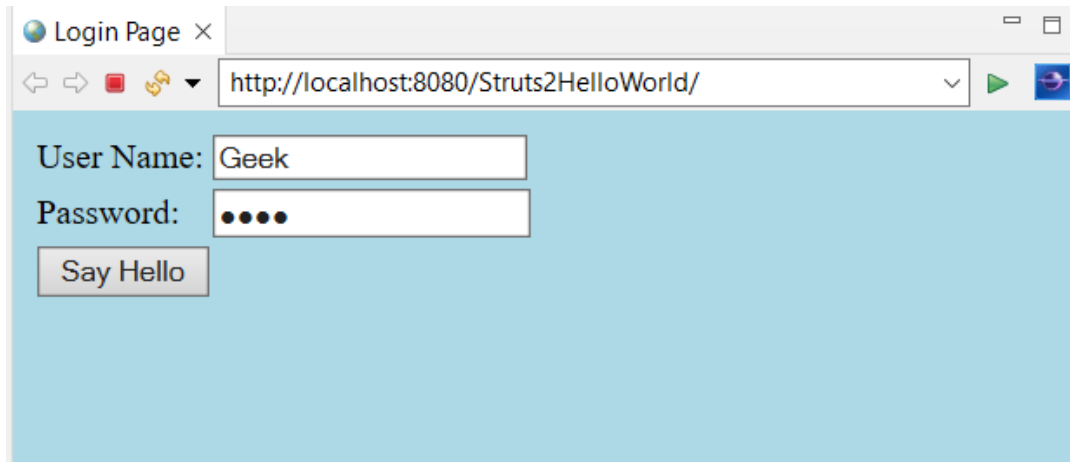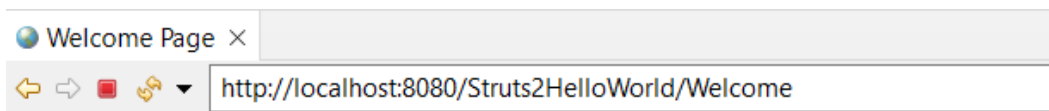
**Output:**

**Login page:**



**WELCOME PAGE:**