**PRACTICAL-12**

**Problem Statement** Create a Struts advance basic application to input the employee name and age and validate it .

Files and classes must be used:  
1- web.xml  
2- struts.xml  
3- Employee.java  
4- Input.jsp  
5- Result.jsp  
6- ActionSupport Class/Action Interface  
7- Form Validation

**SOURCE CODE:**

**Web.xml**

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

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_3\_0.xsd"* id=*"WebApp\_ID"* version=*"3.0"*>

<display-name>Practical12</display-name>

<welcome-file-list>

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

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

</welcome-file-list>

<filter>

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

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

</filter>

<filter-mapping>

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

<url-pattern>/\*</url-pattern>

</filter-mapping>

</web-app>

**Struts.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>

<package name=*"Practical12"* extends=*"struts-default"*>

<action name=*"empinfo"*

class=*"Practical12.Employee"*

method=*"execute"*>

<result name=*"success"*>/Result.jsp</result>

<result name=*"input"*>/Input.jsp</result>

</action>

</package>

</struts>

**Employee.java**

package Practical12;

import com.opensymphony.xwork2.ActionSupport;

@SuppressWarnings("serial")

public class Employee extends ActionSupport{

private String name;

private int age;

public String execute() {

return "success";

}

public void validate() {

if(name==null || name.trim().equals("")) {

addFieldError("name","The name is required");

}

if(age<28 || age>65)

{

addFieldError("age","Age must be in between 28 and 65");

}

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

}

**Input.jsp**

<%@ taglib prefix=*"s"* uri=*"/struts-tags"* %>

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<s:form action=*"empinfo"* method=*"post"*>

<s:textfield name=*"name"* size=*"20"* label=*"Name"*/>

<s:textfield name=*"age"* size=*"20"* label=*"Age"*/>

<s:submit name=*"submit"* label=*"Submit"* align=*"center"*/>

</s:form>

</body>

</html>

**Result.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

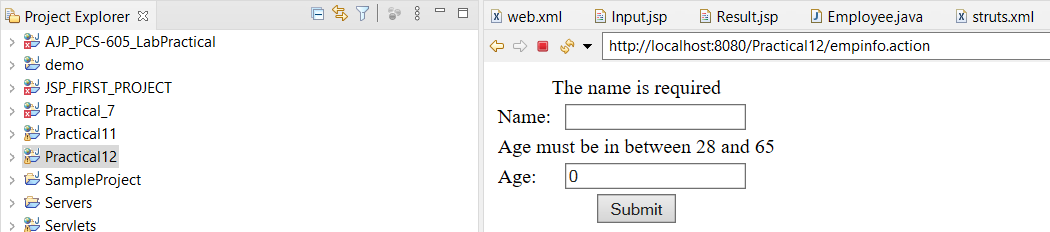
<body>

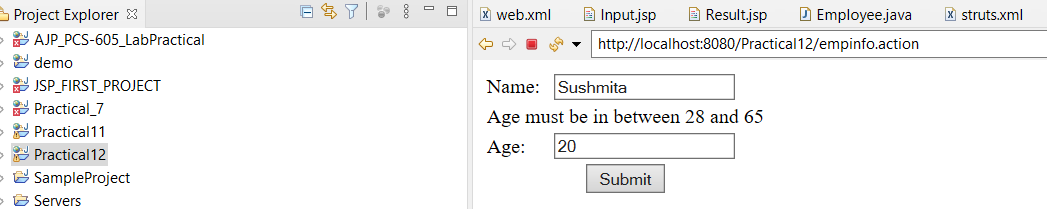
Employee information is captured successfully.

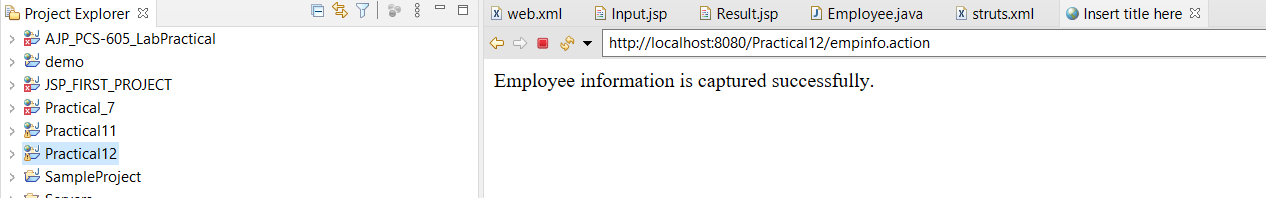
</body>

</html>

**OUTPUT**

****

****

****