

## Problem Statement

Create a Struts advance basic application to input the employee's name and age and validate it.

## 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

