# 实验八 MVC模式实现税收

# 代码：

## Shou.jsp

<%@ page language="java" contentType="text/html; charset=UTF-8"

pageEncoding="UTF-8" import="test7.Shou"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<%@ taglib prefix="c" uri="http://java.sun.com/jstl/core\_rt"%>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>税收计算器</title>

</head>

<body>

<h1>税收计算器的实现</h1>

<!-- 创建Javabean组件-->

<jsp:useBean id="calculate" class="test7.Shou"></jsp:useBean>

<jsp:setProperty property="\*" name="calculate"/>

<hr>

你的工资是 :"${calculate.num}"

<br>

税收计算结果是:"${calculate.result}"

<hr>

<form action="shous" method="post">

<table style="text-align: center;">

<tr>

<td colspan="2">简单的税收计算器</td>

</tr>

<tr>

<td>请输入你的工资</td>

<td><input type="text" name="num" /></td>

</tr>

<tr>

<td>

<button name="calc" type="submit">计算</button>

</td>

</tr>

</table>

</form>

</body>

</html>

## Shou.java

**package** test7;

**import** java.math.BigDecimal;

**public** **class** Shou {

**double** num=0;

**double** result=0;

**public** **double** getResult() {

**return** result;

}

**public** **void** setResult(**double** result) {

**this**.result = result;

}

**public** **double** getNum() {

**return** num;

}

**public** **void** setNum(**double** num) {

**this**.num = num;

}

}

## Shous.java

package test7;

import java.io.IOException;

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;

/\*\*

\* Servlet implementation class shous

\*/

@WebServlet("/shous")

public class shous extends HttpServlet {

private static final long serialVersionUID = 1L;

double num;

double result;

public shous() {

super();

// TODO Auto-generated constructor stub

}

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

HttpSession session=request.getSession();

if(request.getParameter("num")!=null)

{

num=request.getParameter(Double.parseDouble("num"));

cal();

session.setAttribute("result", result);

}else

{

response.sendRedirect("shou.jsp");

}

}

public double cal()

{

double dr=num-1600;//全月应纳税所得额

if(dr>0&&dr<=500)

result=dr\*0.05;

if(dr>500&&dr<=3000)

result=dr\*10%-25;

if(dr>3000&&dr<=5000)

result=dr\*15%-125;

if(dr>5000&&dr<=20000)

result=dr\*20%-375;

if(dr>20000&&dr<=40000)

result=dr\*25%-1375;

if(dr>40000&&dr<=60000)

result=dr\*30%-3375;

if(dr>60000&&dr<=80000)

result=dr\*35%-6375;

if(dr>80000&&dr<=100000)

result=dr\*40%-10375;

if(dr>100000)

result=dr\*45%-15375;

return result;

}

}

# 截图：



