**Java Web开发**

**实验八**

**作业报告**

|  |  |
| --- | --- |
| 学 院 | 计算机 |
| 所在系 班 级 | 2017软件工程系5班 |
| 学 号 姓 名 | 04171324高树城 |
| 指 导 教 师 | 郭晓燕 |
| 完 成 时 间 | 2018年5月- |

# 实验题目

请用MVC模式完成1个功能，计算税收等；

**Cart.java**

**import java.io.IOException;**

**import java.io.PrintWriter;**

**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;**

**@WebServlet(name="Hello",urlPatterns={"/hello.view"})**

**public class Cart extends HttpServlet {**

**public Cart() {**

**super();**

**}**

**public void destroy() {**

**super.destroy();**

**}**

**public void doGet(HttpServletRequest request, HttpServletResponse response)**

**throws ServletException, IOException {**

**response.setContentType("text/html;charset=utf-8");**

**PrintWriter out = response.getWriter();**

**CartBean cart=new CartBean();**

**cart.setNum(Integer.parseInt(request.getParameter("num")));**

**HttpSession session=request.getSession();**

**session.setAttribute("cart", cart);**

**request.getRequestDispatcher("result.jsp").forward(request,response);**

**}**

**public void doPost(HttpServletRequest request, HttpServletResponse response)**

**throws ServletException, IOException {**

**}**

**public void init() throws ServletException {**

**}**

**}**

**CartBean.java**

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

**public** **class** CartBean **extends** HttpServlet {

**public** **double** Num;

**public** **double** sub;

**public** **double** result;

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

**this**.Num=Num;

}

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

**return** Num;

}

**public** **double** getsub(){

sub=Num-1600.0;

**return** sub;

}

**public** **double** Result(**double** sub){

**if**(sub<0){

result=0;

}

**if**(sub>0&&sub<=500){

result=sub\*0.05;

}

**if**(500<sub&&sub<=3000){

result=sub\*0.1-25;

}

**if**(3000<sub&&sub<=5000){

result=sub\*0.15-125;

}

**if**(5000<sub&&sub<=20000){

result=sub\*0.2-375;

}

**if**(20000<sub&&sub<=40000){

result=sub\*0.25-1375;

}

**if**(40000<sub&&sub<=60000){

result=sub\*0.3-3375;

}

**if**(60000<sub&&sub<=80000){

result=sub\*0.35-6375;

}

**if**(80000<sub&&sub<=10000){

result=sub\*0.4-10375;

}

**if**(100000<sub){

result=sub\*0.45-15375;

}

**return** result;

}

**public** **double** getnum(){

**return** Result(sub);

}

}

**Import.java**

<%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"utf-8"*%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

<html>

<head>

<base href=*"*<%=basePath%>*"*>

<title>My JSP 'import.jsp' starting page</title>

</head>

<body>

<form action=*"hello.view"* method=*"get"*>

请输入当地税收起征点:<input type=*"text"* name=*"shuishou"*><br>

请输入你的收入：<input type=*"text"* name=*'num'*><br>

<input type=*'submit'* value=*'提交'*>

</form></body>

</html>

**Result.jsp**

<%@ page language=*"java"* import=*"java.util.\*"* pageEncoding=*"utf-8"*%>

<%@page import=*"ww.CartBean"*%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<html>

<head>

<base href=*"*<%=basePath%>*"*>

<title>计算税收</title>

</head>

<body>

<% CartBean cart=(CartBean)session.getAttribute("cart"); %>

<% cart.getsub();%>

您需缴纳的税收为:<%=cart.getnum() %><br>

<br><a href=*"import.jsp"*>返回查询</a>

</body>

</html>



