**Java Web开发**

**实验八**

**作业报告**

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| --- | --- |
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# 实验题目

页面输入收入，得到相应的缴纳税收

要求：Jsp提交收入，显示结果（可一个页面也可两个页面）。编写一个JavaBean计算税收，并在JSP页面输出结果。

# 分析与设计

jsp页面获得收入，JavaBean提供运算，servlet进行调用。

input.jsp获得工资，然后将工资的值传到call.java中。再将工资传到RevenueCheck.java中判断工资是否大于零，如果大于零，则调用revenue.java计算税收，并将结果传到success.jsp中输出。如果工资小于零，则自动返回input.jsp页面重新输入工资。

关键源码（部分）

input.jsp

<%@ page language=*"java"* pageEncoding=*"UTF-8"*%>

<!DOCTYPE><html>

<head>

<title>工资</title>

</head>

<body>

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

请输入您的工资：<input name=*"salary"*><br><br>

<input type=*submit* value=*"提交"*>

</form>

</body>

2.call.java

package Call;

import java.io.IOException;

import javax.servlet.RequestDispatcher;

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 service.RevenuecCheck;

import Revenue.revenue;

@WebServlet("/ss.view")

public class call extends HttpServlet {

private static final long serialVersionUID = 1L;

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request, response);

}

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("UTF-8");

//double salary =request.getParameter(salary);

double salary = Double.parseDouble(request.getParameter("salary"));

revenue rvn = new revenue();

rvn.setSalary(salary);

RevenuecCheck rc = new RevenuecCheck();

if(rc.validate(salary)) {

request.setAttribute("rvn", rvn);

RequestDispatcher dis =request.getRequestDispatcher("success.jsp");

dis.forward(request, response);

}else {

response.sendRedirect("input.jsp");

}

}

1. revenue.java

**package** service;

**public** **class** RevenuecCheck {

**public** **boolean** validate(**double** salary) {

**if**(salary>0)

**return** **true**;

**else**

**return** **false**;

}

}

1. revenue.java

**package** Revenue;

**public** **class** revenue {

**private** **double** salary;

**private** **double** result;

**public** **double** getSalary(){

**return** salary;

}

**public** **void** setSalary(**double** salary){

**this**.salary = salary;

}

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

**double** sum=salary-1600;

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

result = sum\*0.05-0;

}**else** **if**(sum>500 && sum<=3000){

result = sum\*0.1-25;

}**else** **if**(sum>3000 && sum<=5000){

result = sum\*0.15-125;

}**else** **if**(sum>5000 && sum<=20000){

result = sum\*0.20-375;

}**else** **if**(sum>20000 && sum<=40000){

result = sum\*0.25-1375;

}**else** **if**(sum>40000 && sum<=60000){

result = sum\*0.30-3375;

}**else** **if**(sum>60000 && sum<=80000){

result = sum\*0.35-6375;

}**else** **if**(sum>80000 && sum<=100000){

result = sum\*0.40-10375;

}**else** **if**(sum>100000){

result = sum\*0.45-15375;

}

**return** result;

}

}

1. success.jsp

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

<%@page import=*"Revenue.revenue"* %>

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

<html>

<head>

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

<title>success.jsp</title>

</head>

<body>

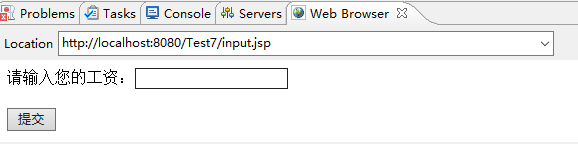
<jsp:useBean id=*"rvn"* type=*"Revenue.revenue"* scope=*"request"*/>

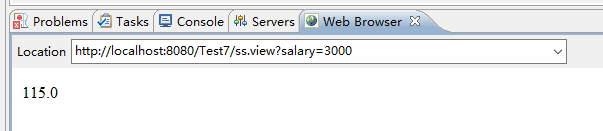
<jsp:getProperty property=*"result"* name=*"rvn"*/>

</body>

</html>

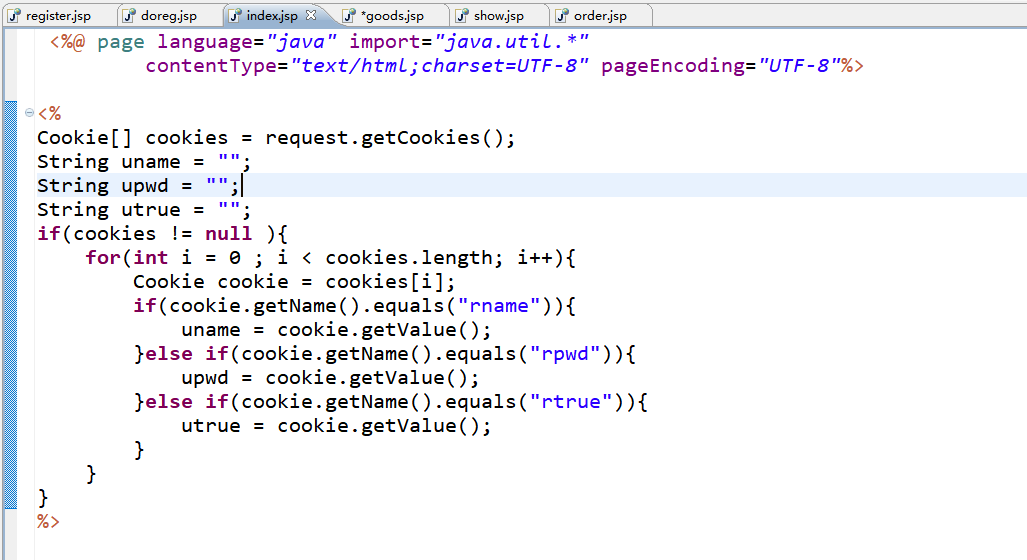
运行效果图：





**购物车JavaBean方法：**

**登陆页面：**





**商品及其他界面：**

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

pageEncoding=*"GB18030"*%>

<!DOCTYPE html>

<html>

<head>

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

<title>购物页面</title>

<style>

**td**{border:*1px solid green*;}

</style>

</head>

<body>

<p>欢迎用户:

<%=

session.getAttribute("userName")

%>

</p>

<form action=*"order.jsp"* method=*"post"*><center>

<table>

<caption >欢迎来购物</caption>

<thead>

<tr>

<th>编号</th>

<th>商品名</th>

<th>单价</th>

<th>购买数量</th>

</tr>

</thead>

<tr>

<td>商品1</td>

<td><img src=*"C:\Users\阿超\Desktop\JavaWeb\书素材/01.jpg"*/>计算机信息检索</td>

<td>￥25.0</td>

<td>

<input type=*"button"* value=*"+"* onclick="this.form.book1.value++"/>

<input type=*"text"* name=*"book1"* value=*0* size=*"4"*>

<input type=*"button"* value=*"-"* onclick="this.form.book1.value--"/>

</td>

</tr>

<tr>

<td>商品2</td>

<td><img src=*"C:\Users\阿超\Desktop\JavaWeb\书素材/02.jpg"*/>Enterprise album</td>

<td>￥30.0</td>

<td>

<input type=*"button"* value=*"+"* onclick="this.form.book2.value++"/>

<input type=*"text"* name=*"book2"* value=*0* size=*"4"*>

<input type=*"button"* value=*"-"* onclick="this.form.book2.value--"/>

</td>

</tr>

<tr>

<td>商品3</td>

<td><img src=*"C:\Users\阿超\Desktop\JavaWeb\书素材/03.jpg"*/>大学计算机</td>

<td>￥27.0</td>

<td>

<input type=*"button"* value=*"+"* onclick="this.form.book3.value++"/>

<input type=*"text"* name=*"book3"* value=*0* size=*"4"*>

<input type=*"button"* value=*"-"* onclick="this.form.book3.value--"/>

</td>

</tr>

<tr>

<td>商品4</td>

<td><img src=*"C:\Users\阿超\Desktop\JavaWeb\书素材/04.jpg"*/>软件工程</td>

<td>￥46.5</td>

<td>

<input type=*"button"* value=*"+"* onclick="this.form.book4.value++"/>

<input type=*"text"* name=*"book4"* value=*0* size=*"4"*>

<input type=*"button"* value=*"-"* onclick="this.form.book4.value--"/>

</td>

</tr>

<tr>

<td>商品5</td>

<td><img src=*"C:\Users\阿超\Desktop\JavaWeb\书素材/05.jpg"*/>计算机应用基础</td>

<td>￥52.5</td>

<td>

<input type=*"button"* value=*"+"* onclick="this.form.book5.value++"/>

<input type=*"text"* name=*"book5"* value=*0* size=*"4"*>

<input type=*"button"* value=*"-"* onclick="this.form.book5.value--"/>

</td>

</tr>

</table>

<input type=*"submit"* value=*"提交订单"*>

<!-- <button type="submit">提交订单</button> -->

</form>

</body>

</html>

**商品JavaBeen的计算代码ShopCar.CountPrice:**

**public** **class** CountPrice {

**private** **double** num\_book1;

**private** **double** num\_book2;

**private** **double** num\_book3;

**private** **double** num\_book4;

**private** **double** num\_book5;

**private** **double** pri\_book1;

**private** **double** pri\_book2;

**private** **double** pri\_book3;

**private** **double** pri\_book4;

**private** **double** pri\_book5;

**private** **double** total\_price;

**public** **double** getNum\_book1() {

**return** num\_book1;

}

**public** **void** setNum\_book1(**double** num\_book1) {

**this**.num\_book1 = num\_book1;

**this**.setPri\_book1(num\_book1 \* 25.0);

}

**public** **double** getNum\_book2() {

**return** num\_book2;

}

**public** **void** setNum\_book2(**double** num\_book2) {

**this**.num\_book2 = num\_book2;

**this**.setPri\_book2(num\_book2 \* 30.0);

}

**public** **double** getNum\_book3() {

**return** num\_book3;

}

**public** **void** setNum\_book3(**double** num\_book3) {

**this**.num\_book3 = num\_book3;

**this**.setPri\_book3(num\_book3 \* 27.0);

}

**public** **double** getNum\_book4() {

**return** num\_book4;

}

**public** **void** setNum\_book4(**double** num\_book4) {

**this**.num\_book4 = num\_book4;

**this**.setPri\_book4(num\_book4 \* 46.5);

}

**public** **double** getNum\_book5() {

**return** num\_book5;

}

**public** **void** setNum\_book5(**double** num\_book5) {

**this**.num\_book5 = num\_book5;

**this**.setPri\_book5(num\_book5 \* 52.5);

}

**public** **double** getPri\_book1() {

**return** pri\_book1;

}

**public** **void** setPri\_book1(**double** pri\_book1) {

**this**.pri\_book1 = pri\_book1;

}

**public** **double** getPri\_book2() {

**return** pri\_book2;

}

**public** **void** setPri\_book2(**double** pri\_book2) {

**this**.pri\_book2 = pri\_book2;

}

**public** **double** getPri\_book3() {

**return** pri\_book3;

}

**public** **void** setPri\_book3(**double** pri\_book3) {

**this**.pri\_book3 = pri\_book3;

}

**public** **double** getPri\_book4() {

**return** pri\_book4;

}

**public** **void** setPri\_book4(**double** book4) {

**this**.pri\_book4 = pri\_book4;

}

**public** **double** getPri\_book5() {

**return** pri\_book5;

}

**public** **void** setPri\_book5(**double** pri\_book5) {

**this**.pri\_book5 = pri\_book5;

}

**public** **double** getTotal\_price() {

**this**.total\_price = **this**.getPri\_book1() + **this**.getPri\_book2()

+ **this**.getPri\_book3() + **this**.getPri\_book4()

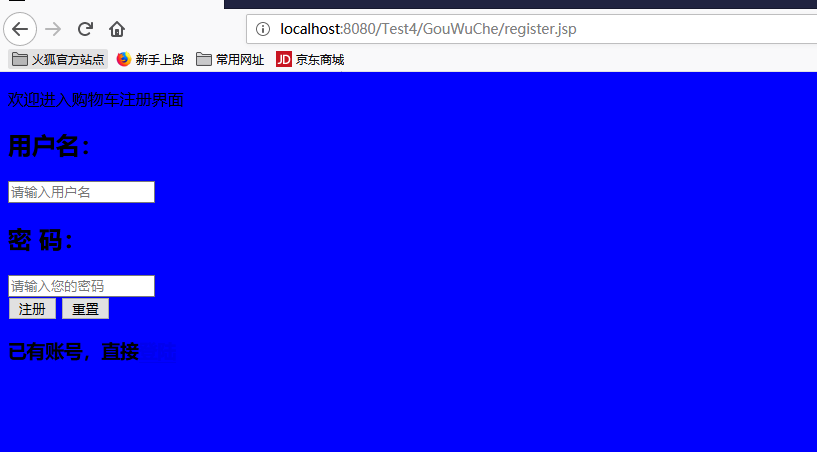
+ **this**.getPri\_book5();

**return** total\_price;

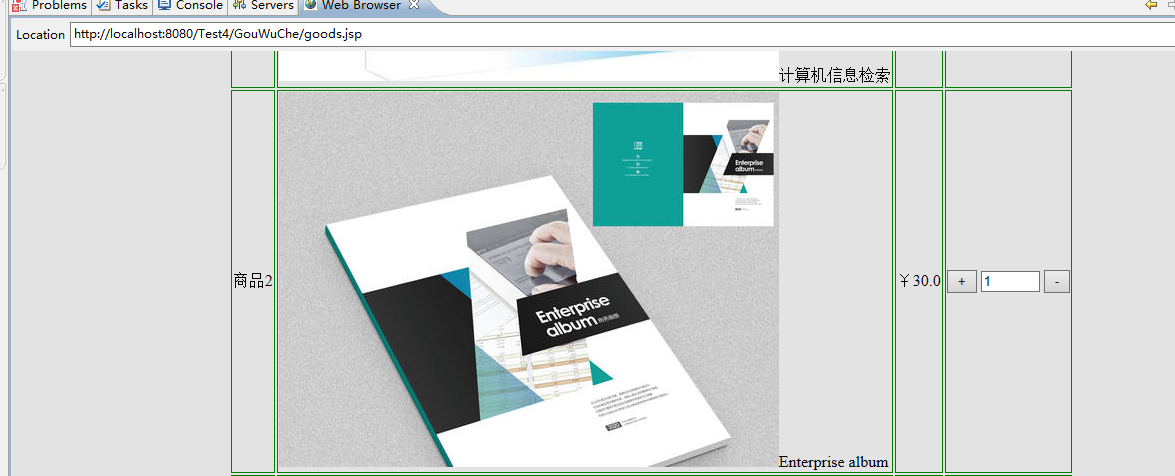
}

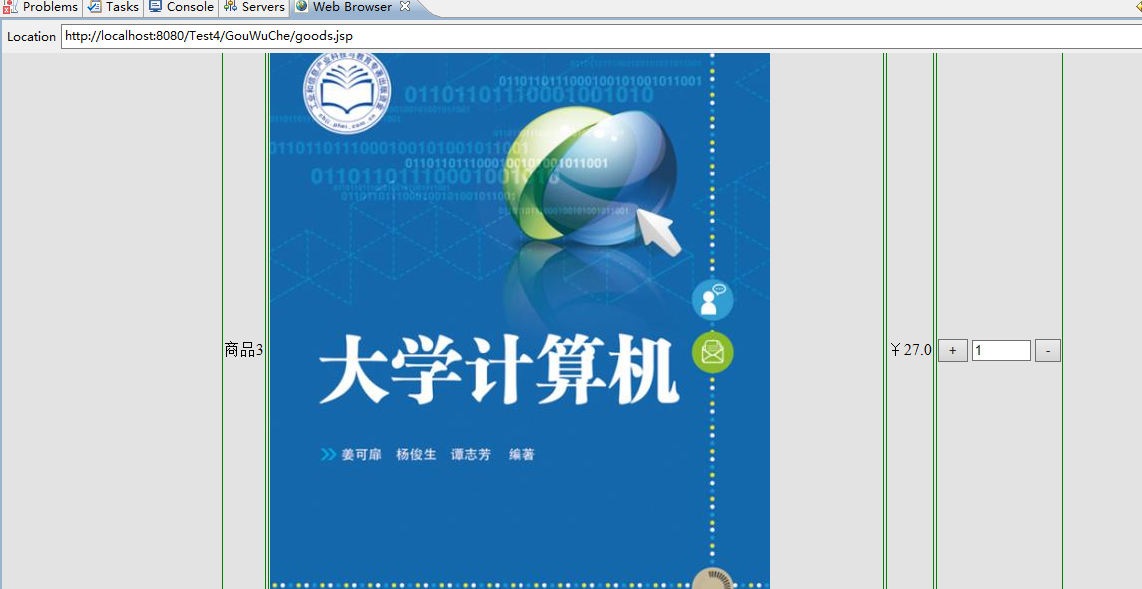
}

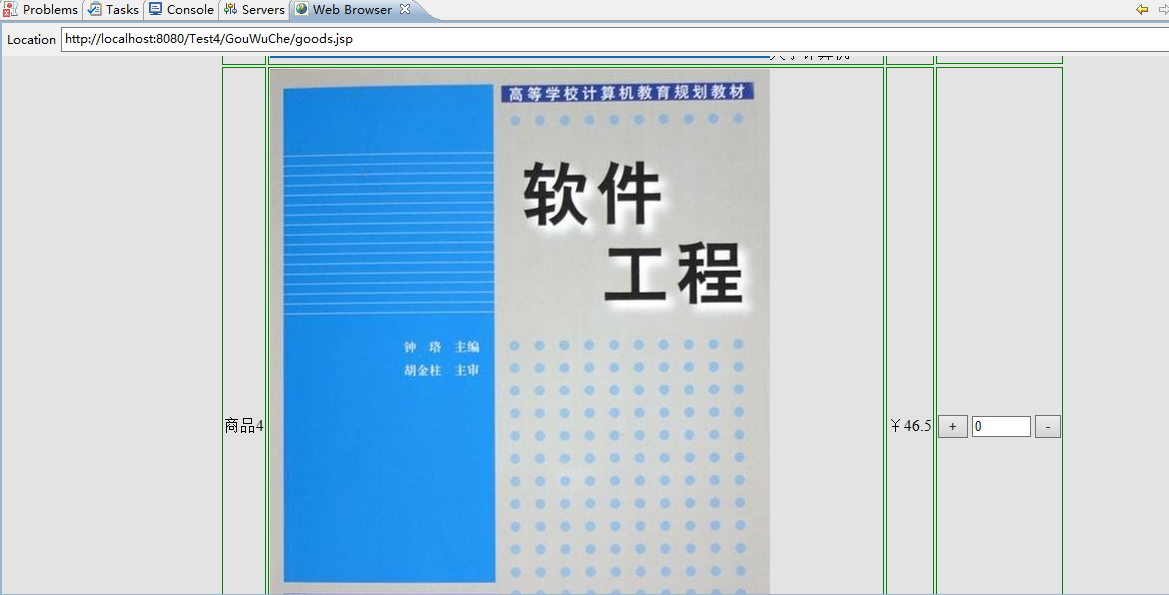
# 运行效果图



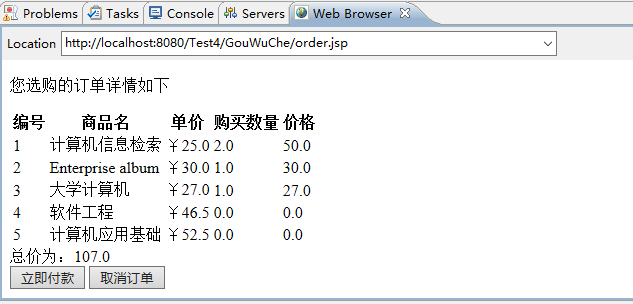












# 收获与问题

谈一谈你在本实验中所收获的内容及问题。