**Java Web开发**

**实验八**

**作业报告**

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# 实验题目

实验目标：

1、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

计算方法：全月应纳税所得额＝月收入－1600元

级数 全月应纳税所得额 税率% 速算扣除法(元)   
1 dr <=500 5 0

2 500 <dr<=3000 10 25

3 3000 < dr <=5000 15 125

4 5000 < dr <=20000 20 375

5 20,000 < dr <=40000 25 1375

6 40,000 < dr <=60,000 30 3375

7 60,000 < dr <=80,000 35 6375   
8 80,000 < dr <=100,000 40 10375   
9 dr >100,000元 45 15375

如：月收入3000，则（3000-1600）\*10%-25=115，因为3000-1600大于500小于2000，所以按10%计算后再扣除速算的部分。

# 关键源码（部分）

# 试图层（view层）:income.jsp,taxresult.jsp

# income.jsp

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

<%@ page import=*"com.taxBean"* %>

<html>

<head></head>

<body>

<form action=*"http://localhost:8080/Test7/taxServlet"* method=*"get"*>

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

&nbsp; <input type=*"submit"* value=*"提交"*>

</form>

</body>

</html>

# taxreult.jsp

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

<%@ page import=*"com.taxServlet"* import=*"com.taxBean"* %>

<jsp:useBean id=*"user"* class=*"com.taxBean"* scope=*"request"*></jsp:useBean>

<html>

<head></head>

<body>

您的收入为<jsp:getProperty property=*"income"* name=*"user"*/><br>

税收为：<jsp:getProperty property=*"tax"* name=*"user"*/> </body>

</html>

# 模型层（model层）:taxBean.java

# taxBean.java

**package** com;

**import** com.taxServlet;

**public** **class** taxBean

{

**public** **double** income;

**public** **double** tax;

**public** **double** getIncome() {

**return** income;

}

**public** **void** setIncome(**double** income)

{

**this**.income = income;

}

**public** **double** getTax() {

**double** dr=income-1600;

**if**(dr<=500)

{

tax=(income-1600)\*0.05;

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

{

tax=(income-1600)\*0.1-25;

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

{

tax=(income-1600)\*0.15-125;

}

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

{

tax=(income-1600)\*0.2-375;

}

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

{

tax=(income-1600)\*0.25-1375;

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

{

tax=(income-1600)\*0.3-3375;

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

{

tax=(income-1600)\*0.35-6375;

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

{

tax=(income-1600)\*0.4-10375;

}**else** **if**(dr>100000)

{

tax=(income-1600)\*0.45-15375;

}

**return** tax;

}

**控制层(controller层): taxServlet.java**

taxServlet.java

package com;

import com.taxBean;

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;

@WebServlet("/taxServlet")

public class taxServlet extends HttpServlet

{

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

taxBean tax=new taxBean();

request.setAttribute("user", tax);

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

tax.setIncome(income);

tax.getTax();

request.getRequestDispatcher("taxresult.jsp").forward(request, response);

}

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

doGet(request, response);

}

}

# 运行效果图



