**Java Web开发**

**实验七**

**作业报告**

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| --- | --- |
| 学 院 | 计算机 |
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| 完 成 时 间 | 2019年4月15日- |

# 实验题目

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。

# 分析与设计

使用标签输出

# 关键源码（部分）

1. Tax.java

**package** com.exl\_5;  
  
*/\*\*  
 \** ***@author*** *U12  
 \** ***@data*** *2019/4/16 - 15:56  
 \*/***public class** Tax {  
 **private double income**;  
  
 **private double trueincome**;  
  
 **private double tax**;  
  
 **public** Tax() {  
 **income**=0;  
 **trueincome**=0;  
 **tax**=0;  
 }  
  
 **public** Tax(**double** income){  
 setIncome(income);  
 setTrueincome(income-1600);  
 }  
  
 **public void** calTax(){  
 **double** res=getTrueincome();  
 **if**(res <= 500){  
 res=res\*0.05;  
 }  
 **else if**(res <= 3000){  
 res=res\*0.1-25;  
 }  
 **else if**(res <= 5000){  
 res=res\*0.15-125;  
 }  
 **else if**(res <= 20000){  
 res=res\*0.2-375;  
 }  
 **else if**(res <= 40000){  
 res=res\*0.25-1375;  
 }  
 **else if**(res <= 60000){  
 res=res\*0.3-3375;  
 }  
 **else if**(res <= 80000){  
 res=res\*0.35-6375;  
 }  
 **else if**(res <= 100000){  
 res=res\*0.4-10375;  
 }  
 **else** {  
 res=res\*0.45-15375;  
 }  
  
 setTax(res);  
 }  
  
 **public double** getIncome() {  
 **return income**;  
 }  
  
 **public void** setIncome(**double** income) {  
 **this**.**income** = income;  
 }  
  
 **public double** getTrueincome() {  
 **return trueincome**;  
 }  
  
 **public void** setTrueincome(**double** trueincome) {  
 **this**.**trueincome** = trueincome;  
 }  
  
 **public double** getTax() {  
 **return tax**;  
 }  
  
 **public void** setTax(**double** tax) {  
 **this**.**tax** = tax;  
 }  
}

1. getTax.jsp

*<%--  
 Created by IntelliJ IDEA.  
 User: asus  
 Date: 2019/4/16  
 Time: 14:22  
 To change this template use File | Settings | File Templates.  
--%>*<%@ **page contentType**="**text/html;charset=UTF-8**" **language**="**java**" %>  
<**html**>  
<**head**>  
 <**title**>税率换算</**title**>  
</**head**>  
<**body**>  
 <**div**>  
 <**form action="Tax.view"**>  
 <**table bgcolor=#cccccc**>  
 <**tr**>  
 <**td**>请输入你的收入:</**td**>  
 <**td**><**input type='text' name='income' size='25' maxlength='100'**></**td**>  
 <**td**>**${**session.getAttribute(**"inputErr"**)**}**</**td**>  
 </**tr**>  
 <**tr**>  
 <**td colspan='2'**><**input type='submit' value='计算'**></**td**>  
 </**tr**>  
 </**table**>  
 </**form**>  
  
  
 </**div**>  
</**body**>  
</**html**>

1. Taxservlet.java (Tax.view)

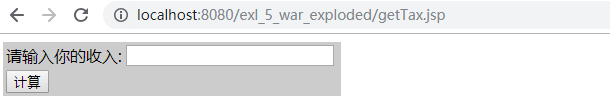
**package** com.exl\_5;  
  
**import** javax.servlet.http.HttpSession;  
**import** java.io.IOException;  
  
*/\*\*  
 \** ***@author*** *U12  
 \** ***@data*** *2019/4/16 - 16:23  
 \*/*@javax.servlet.annotation.WebServlet(name = **"TaxServlet"**)  
**public class** TaxServlet **extends** javax.servlet.http.HttpServlet {  
 **protected void** doPost(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response) **throws** javax.servlet.ServletException, IOException {  
 doGet(request,response);  
 }  
  
 **protected void** doGet(javax.servlet.http.HttpServletRequest request, javax.servlet.http.HttpServletResponse response) **throws** javax.servlet.ServletException, IOException {  
 response.setContentType(**"text/html;charset=UTF-8"**);  
 **double** income=Double.*parseDouble*(request.getParameter(**"income"**));  
 HttpSession session=request.getSession();  
  
 Tax tax=**new** Tax(income);  
 tax.calTax();  
 session.setAttribute(**"tax"**,tax);  
  
*// response.sendRedirect("printTax.jsp");* request.getRequestDispatcher(**"printTax.jsp"**).forward(request,response);  
 }  
}

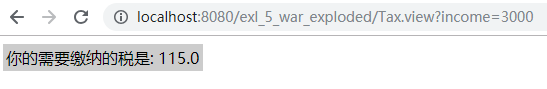
*4printTax.jsp  
<%--  
 Created by IntelliJ IDEA.  
 User: asus  
 Date: 2019/4/22  
 Time: 10:19  
 To change this template use File | Settings | File Templates.  
--%>*<%@ **page contentType**="**text/html;charset=UTF-8**" **pageEncoding**="**UTF-8**" **language**="**java**" %>  
<**jsp:useBean id="tax" class="com.exl\_5.Tax" scope="session"**/>  
<**html**>  
<**head**>  
 <**title**>税率</**title**>  
</**head**>  
<**body**>  
  
 <**div**>  
 <**table bgcolor=#cccccc**>  
  
 <**tr**>  
 <**td**>你的需要缴纳的税是:</**td**>  
 <**td**><**jsp:getProperty name="tax" property="tax"**/></**td**>  
 </**tr**>  
  
 </**table**>  
 </**div**>  
</**body**>  
</**html**>

6.web.xml

*<?***xml version="1.0" encoding="UTF-8"***?>*<**web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_4\_0.xsd"  
 version="4.0"**>  
 <**servlet**>  
 <**servlet-name**>Tax</**servlet-name**>  
 <**servlet-class**>com.exl\_5.TaxServlet</**servlet-class**>  
 <**load-on-startup**>1</**load-on-startup**>  
 </**servlet**>  
 <**servlet-mapping**>  
 <**servlet-name**>Tax</**servlet-name**>  
 <**url-pattern**>/Tax.view</**url-pattern**>  
 </**servlet-mapping**>  
</**web-app**>

# 运行效果图





# 收获与问题

使用标签输出数据