**实 验 报 告**

**辽宁科技大学计算机与软件工程学院 2022年5月3日**

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| **课名： JSP程序设计** | **实验题目：JavaBean** | | |
| **班级：软件204** | **姓名:于有为** | **学号：120203504005** | **任课教师：袁平** |
| **实验目的：**   1. 掌握创建JavaBean及设置和获取JavaBean属性； 2. 理解JSP+JavaBean Model1模型； 3. 掌握使用JSP+JavaBean Model1模型编写程序。 | | | |
| 实验内容：   1. 实验习题1简易计算器   解题内容  <%@ page contentType="text/html;charset=UTF-8" language="java" %> <jsp:useBean id="C" class="A0503.Compute" scope="request"/> <html> <head>  <title>简单计算器</title> </head> <body> <form action="" method="get">  <input type="text" name="one">  <select name="op">  <option value="+">加</option>  <option value="-">减</option>  <option value="+">乘</option>  <option value="/">除</option>  </select>  <input type="text" name="two" >  <input type="submit" name="计算"> </form> <jsp:setProperty name="C" property="\*"/> <jsp:getProperty name="C" property="one"/> <jsp:getProperty name="C" property="op"/> <jsp:getProperty name="C" property="two"/>= <jsp:getProperty name="C" property="result"/> </body> </html>  package A0503;  public class Compute {  private double one;  private double two;  private double result;  private String op="+";  public double getOne() {  return one;  }   public String getOp() {  return op;  }   public void setOp(String op) {  this.op = op;  }   public double getResult() {  if(op.equals("+"))  result=one+two;  else if(op.equals("-"))  result=one-two;  else if(op.equals("\*"))  result=one\*two;  else result=one/two;  return result;  }   public void setResult(double result) {  this.result = result;  }   public void setOne(double one) {  this.one = one;  }   public double getTwo() {  return two;  }   public void setTwo(double two) {  this.two = two;  }  }   1. 实验习题2 计算圆的周长面积   解题内容  <%@ **page** contentType="text/html;charset=UTF-8" language="java" %> <html> <head>  <title>Title</title> </head> <body> <form action="circle.jsp" method="post">  <input type="text" name="radius">  <input type="submit" name="计算"> </form> </body> </html>  <%@ **page** contentType="text/html;charset=UTF-8" language="java" %> <**jsp:useBean** id="circleBean" class="A0503.Circle" scope="session"/> <html> <head>  <title>Title</title> </head> <body> <%  int radius=Integer.*parseInt*(request.getParameter("radius"));  circleBean.setRadius(radius);  out.print("圆的周长："+circleBean.circleLength()+" 圆的面积："+circleBean.circleArea()); %> <br>  圆的周长是： <**jsp:getProperty** name="circleBean" property="length"/><br> 圆的面积是： <**jsp:getProperty** name="circleBean" property="area"/> </body> </html>  package A0503;  public class Circle {  private int radius=1;  double area,length;   public double getArea() {  return radius\*radius\*Math.*PI*;  }   public void setArea(double area) {  this.area = area;  }   public double getLength() {  return 2\*radius\*Math.*PI*;  }   public void setLength(double length) {  this.length = length;  }   public int getRadius() {  return radius;  }   public void setRadius(int radius) {  this.radius = radius;  }  public double circleLength(){  return Math.*PI*\*radius\*2;  }  public double circleArea() {  return Math.*PI*\*radius\*radius;  }  } | | | |
| **实验心得：**  **本次实验学习了JavaBean的配置，并利用JavaBean实现了前后端数据的交互，对jsp的知识更加掌握了。** | | | |
| **评语：** | | | |