**实 验 报 告**

**辽宁科技大学计算机与软件工程学院 2022年5月15日**

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| **课名： JSP程序设计** | **实验题目：MVC模型** | | |
| **班级：软件204** | **姓名: 于有为** | **学号：120203504005** | **任课教师：袁平** |
| **实验目的：**   1. 理解JSP+JavaBean+Servlet Model2模型； 2. 掌握使用JSP+JavaBean+Servlet Model2模型编写程序。 | | | |
| **实验内容：**   1. 实验习题1   简单MVC小程序  解题内容  **<%@ page contentType="text/html;charset=UTF-8" language="java" %> <html> <head>  <title>Title</title> </head> <body> <form action="a0515">  <input type="text" name="var">  <input type="submit" name="提交"> </form> </body> </html>**  **package com.bean; public class Mybean {  private String var=" ";   public String getVar() {  return var;  }   public void setVar(String var) {  this.var = var;  }  }**  **package com.servlet; import com.bean.Mybean; import javax.servlet.\*; import javax.servlet.http.\*; import javax.servlet.annotation.\*; import java.io.IOException; @WebServlet("/a0515") public class MyServlet extends HttpServlet {  @Override  protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  this.doPost(request, response);  }  @Override  protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  //从表单中获取数据  String var=request.getParameter("var");  //对数据进行简单处理  var="Welecome,"+var;  //创建javabean（模型）对象  Mybean b=new Mybean();  //存储数据  b.setVar(var);  //存储Model对象到某个作用域（req,sess,application)  request.setAttribute("bean666666",b);  //返回给视图  request.getRequestDispatcher("b.jsp").forward(request,response);  } }**  **<%@ page contentType="text/html;charset=UTF-8" language="java" %> <jsp:useBean id="bean666666" class="com.bean.Mybean" scope="request"/> <jsp:getProperty name="bean666666" property="var"/> <html> <head>  <title>Title</title> </head> <body> </body> </html>**   1. 实验习题2   MVC模式的简易计算器  解题内容  **package com.uvcode.bean;  public class MyBean {  private double one=0,two=0,result=0;  private String op="+";   public double getOne() {  return one;  }   public void setOne(double one) {  this.one = one;  }   public double getTwo() {  return two;  }   public void setTwo(double two) {  this.two = two;  }   public double getResult() {  return result;  }   public void setResult(double result) {  this.result = result;  }   public String getOp() {  return op;  }   public void setOp(String op) {  this.op = op;  }  }**  **package com.uvcode.servlet;  import com.uvcode.bean.MyBean;  import javax.servlet.\*; import javax.servlet.http.\*; import javax.servlet.annotation.\*; import java.io.IOException;  @WebServlet("/aaa") public class MyServlet extends HttpServlet {  @Override  protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  this.doPost(request, response);  }   @Override  protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  MyBean com=new MyBean();  double one=Double.parseDouble(request.getParameter("one"));  double two=Double.parseDouble(request.getParameter("two"));  String op=request.getParameter("op");   com.setOne(one);  com.setTwo(two);  com.setOp(op);  if(op.equals("+"))  com.setResult(one+two);  else if(op.equals("-"))  com.setResult(one-two);  else if(op.equals("\*"))  com.setResult(one\*two);  else com.setResult(one/two);   request.setAttribute("compute1",com);  request.getRequestDispatcher("a.jsp").forward(request,response);  } }**  **<%--  Created by IntelliJ IDEA.  User: 93929  Date: 2022/5/16  Time: 18:57  To change this template use File | Settings | File Templates. --%> <%@ page contentType="text/html;charset=UTF-8" language="java" %> <jsp:useBean id="compute1" class="com.uvcode.bean.MyBean" scope="request"/> <html> <head>  <title>Title</title> </head> <body> <form action="aaa" 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" value="计算"/> </form> <jsp:getProperty name="compute1" property="one"/> <jsp:getProperty name="compute1" property="op"/> <jsp:getProperty name="compute1" property="two"/> = <jsp:getProperty name="compute1" property="result"/> </body> </html>**   1. 实验习题3   基于SpringMVC框架和Mysql的简易登录注册程序  解题内容 | | | |
| **实验心得：**  **本次实验出现了404错误，经排查后发现是servlet的映射路径与表单的目标路径不一致造成的，意识到以后编程时命名一定要规范，否则很容易出错。明天就要学数据库连接的相关知识了，于是把自己寒假通过自学用SpringMVC框架和Druid做的登录注册小程序贴在这里，方便期末复习查看，对比学习。** | | | |
| **评语：** | | | |