**Java实训**

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| 课程名称：java第四次作业 | 班级：1806班 | 实训日期： |
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| 1. 生成1-33的随机   package 实训.课堂代码;  import java.util.Random;  public class Test{  public static void main(String[] args) {  Random random = new Random();  int number = random.nextInt(34);  System.*out*.println("生成的随机数为："+number);  } }   1. 数字炸弹   package 实训.课堂代码;  import java.util.Random; import java.util.Scanner;  public class Test{  public static void main(String[] args) {  Scanner scanner = new Scanner(System.*in*);  Random random = new Random();  int randomNumber = random.nextInt(101);  int minNum = 1;  int maxNum = 100;  System.*out*.println("随机生成的数为："+randomNumber);  System.*out*.print("请输入一个"+minNum+"~"+maxNum+"之间的数：");  int guessNumber = scanner.nextInt();  while (guessNumber!=randomNumber){  if (guessNumber<randomNumber){  System.*out*.println("雷在["+guessNumber+","+maxNum+"]区间");  minNum = guessNumber;  }else {  System.*out*.println("雷在[" + minNum + "," + guessNumber + "]区间");  maxNum = guessNumber;  }  System.*out*.print("请输入一个"+minNum+"~"+maxNum+"之间的数：");  guessNumber = scanner.nextInt();  }  System.*out*.println("哎呀，踩雷啦!");  } }   1. 键盘输入三个数字并获得最大值   package 实训.课堂代码;  import java.util.Random; import java.util.Scanner;  public class Test{  static Scanner *scanner* = new Scanner(System.*in*);  *//static Random random = new Random();* public static void main(String[] args) {  System.*out*.print("输入第一个数：");  int number1 = *scanner*.nextInt();  System.*out*.print("输入第二个数：");  int number2 = *scanner*.nextInt();  System.*out*.print("输入第三个数：");  int number3 = *scanner*.nextInt();  if (number1>=number2){  if (number2>=number3){  System.*out*.println("最大的数为："+number1);  }else if (number3>=number1){  System.*out*.println("最大的数为："+number3);  }else {  System.*out*.println("最大的数为："+number2);  }  }else if (number2>=number3){  System.*out*.println("最大的数为："+number2);  }else{  System.*out*.println("最大的数为："+number3);  }  } }   1. 完成计算器的编写，可以累加   package 实训.课堂代码; import java.util.Scanner;  public class Test{  static Scanner *scanner* = new Scanner(System.*in*);  static int *id* = 1;  static int *plusNum* = 0;  static int *minusNum* = 0;  static int *multiplyNum* = 0;  static int *divisionNum* = 0;  public static void main(String[] args) {  System.*out*.println("简单计算器");  System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.*out*.println("1、输入+进行加运算");  System.*out*.println("2、输入-进行减运算");  System.*out*.println("3、输入/进行除运算");  System.*out*.println("4、输入\*进行乘运算");  System.*out*.println("5、输入任意整数");  System.*out*.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");  System.*out*.print("请输入计算符号：");  String flag = *scanner*.next();  System.*out*.print("输入第"+*id*+"个数：");  int number1 = *scanner*.nextInt();  *id*++;  System.*out*.print("输入第"+*id*+"个数：");  int number2 = *scanner*.nextInt();  *id*++;  switch (flag) {  case "+":  *plusNum* = number1 + number2;  System.*out*.println("相加结果=" + *plusNum*);  while(flag.equals("+")) {  System.*out*.print("是否继续，输入true继续，输入false退出：");  boolean target = *scanner*.nextBoolean();  if (target) {  System.*out*.print("输入第"+*id*+"个数：");  int number = *scanner*.nextInt();  *id*++;  *plusNum* += number;  System.*out*.println("相加结果为=" + *plusNum*);  }else break;  }  break;  case "-":  *minusNum* = number1 - number2;  System.*out*.println("相减结果=" + *minusNum*);  while(flag.equals("-")) {  System.*out*.print("是否继续，输入true继续，输入false退出：");  boolean target = *scanner*.nextBoolean();  if (target) {  System.*out*.print("输入第"+*id*+"个数：");  int number = *scanner*.nextInt();  *minusNum* -= number;  System.*out*.println("相减结果为=" + *minusNum*);  } else break;  }  break;  case "\*":  *multiplyNum* = number1 \* number2;  System.*out*.println("相乘结果=" + *multiplyNum*);  while(flag.equals("\*")) {  System.*out*.print("是否继续，输入true继续，输入false退出：");  boolean target = *scanner*.nextBoolean();  if (target) {  System.*out*.print("输入第"+*id*+"个数：");  int number = *scanner*.nextInt();  *multiplyNum* \*= number;  System.*out*.println("相乘结果为=" + *multiplyNum*);  } else break;  }  break;  case "/":  *divisionNum* = number1 / number2;  System.*out*.println("相除结果=" + *divisionNum*);  while (flag.equals("/")) {  System.*out*.print("是否继续，输入true继续，输入false退出：");  boolean target = *scanner*.nextBoolean();  if (target) {  System.*out*.print("输入第"+*id*+"个数：");  int number = *scanner*.nextInt();  *divisionNum* /= number;  System.*out*.println("相除结果为=" + *divisionNum*);  } else break;  }  break;  default:  System.*out*.println("请输入正确的计算符号！");  }  } }   1. 生产编写类的说明文档（文件截图）   1  2   1. 生成编写类的jar包（解压包截图）   3  4 | | |