**package** T1;

**import** java.util.Scanner;

**public** **class** Ceshi {

**public** **static** **void** main(String[] args) {

*ti1*();

*ti2*();

*ti3*();

*ti4*();

*ti5*();

}

//第一题-从键盘输入成绩 要求用switch判断成绩分级

**public** **static** **int** ti1() {

**int** a;

Scanner sc = **new** Scanner(System.***in***);

System.***out***.print("请在此出入您的成绩：");

a = sc.nextInt();

**if**(a < 0 || a>100)

{

System.***out***.println("您输入的成绩不合法！");

**return** 0;

}

**switch**(a/10) {

**case** 0:

**case** 1:

**case** 2:

**case** 3:

**case** 4:

**case** 5: System.***out***.println("不及格！"); **break**;

**case** 6: System.***out***.println("及格！"); **break**;

**case** 7: System.***out***.println("中等！"); **break**;

**case** 8: System.***out***.println("良好！"); **break**;

**case** 9:

**case** 10: System.***out***.println("优秀！"); **break**;

}

**return** 0;

}

//第二题-随机产生一个100-200的整数，让用户猜

**public** **static** **void** ti2() {

**int** a =(**int**)(Math.*random*()\*101)+100,b;

Scanner sc = **new** Scanner(System.***in***);

System.***out***.print("清猜数：");

b = sc.nextInt();

**while**(a != b)

{

**if**(b < a) System.***out***.println("小了！");

**else** System.***out***.println("大了！");

System.***out***.print("继续：");

b = sc.nextInt();

}

System.***out***.println("恭喜你！");

}

//第三题-接收用户输入的10个数 得到其中的最大值和最小值 要求用do—whlie

**public** **static** **void** ti3() {

**int** a,b = 1,max = 0,min = 0;

Scanner sc = **new** Scanner(System.***in***);

System.***out***.print("清输入10个数：");

**do** {

a = sc.nextInt();

**if**(b == 1) max = min = a;

**if**(max < a) max = a;

**if**(min > a) min = a;

b++;

}**while**(b <= 10);

System.***out***.println("最大值是："+max+",最小值是："+min);

}

//第四题-上一题用for语句实现

**public** **static** **void** ti4() {

**int** a,b = 1,max = 0,min = 0;

Scanner sc = **new** Scanner(System.***in***);

System.***out***.print("清输入10个数：");

**for**(;b<=10;b++) {

a = sc.nextInt();

**if**(b == 1) max = min = a;

**if**(max < a) max = a;

**if**(min > a) min = a;

}

System.***out***.println("最大值是："+max+",最小值是："+min);

}

//第五题-给小孩弄一位数加法题

**public** **static** **void** ti5() {

**int** a = (**int**)(Math.*random*()\*10),b = (**int**)(Math.*random*()\*10),c;

**char** d;

Scanner sc = **new** Scanner(System.***in***);

**while**(**true**) {

System.***out***.print(""+a+"+"+b+"=");

c =sc.nextInt();

**if**(c == a + b) System.***out***.println("答对了！");

**else** System.***out***.println("答错了！");

System.***out***.println("继续吗？（y/n）");

sc.nextLine();

d = sc.nextLine().charAt(0);

**if**(d == 'n') **break**;

}

}

}

