# 第1次平时作业

package work1;  
  
//学生类  
public class Student {  
  
 String identifier;  
 String name;  
 String className;  
 double chineseGrade;  
 double EnglishGrade;  
 double mathGrade;  
  
 // 无参构造函数  
 public Student(){  
  
 }  
  
 /\* 类构造函数 \*/  
 public Student(double chiGra,double EngGra,double mathGra){  
 this.chineseGrade = chiGra;  
 this.EnglishGrade = EngGra;  
 this.mathGrade = mathGra;  
 }  
  
 /\* 计算成绩平均值函数\*/  
 public double getAverageGrade(){  
 return (chineseGrade + EnglishGrade + mathGrade) / 3.0;  
 }  
}

package work1;  
  
import java.util.Scanner;  
  
// 老师类  
public class Teacher {  
  
 String identifier;  
 String name;  
 String job;  
 String department;  
  
 // 默认无参构造函数  
 public Teacher(){  
  
 }  
  
 // 调用接口计算平均成绩，并打印  
 public void getAndPrintStuGrade(double chinese, double English , double math){  
 Student student = new Student(chinese , English , math);  
 double aveGrade = student.getAverageGrade();  
 System.*out*.println("this student's average grade is:"+aveGrade);  
 }  
  
 // 读入数据，实例化对象，调用API  
 public static void main(String[] args) {  
 Scanner myGet = new Scanner(System.*in*);  
 System.*out*.println("please enter the student's three grades,\n" +  
 "then I will give the average.");  
 double chineseGrade = myGet.nextDouble();  
 double EnglishGrade = myGet.nextDouble();  
 double mathGrade = myGet.nextDouble();  
 Teacher teacher = new Teacher();  
 teacher.getAndPrintStuGrade(chineseGrade,EnglishGrade,mathGrade);  
 }  
}