第 1 次平时作业

```java
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;
    }
}
```

```java
package work1;

import java.util.Scanner;

// 老师类
public class Teacher {

    String identifier;
    String name;
    String job;
```

```java
    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);
    }
}
```