package program11;

import java.util.Scanner;

public class Program11 {

public static void main(String[] args) {

Scanner keyboard = new Scanner(System.in);

Student firstOne = new Student();

Student secondOne = new Student();

Student thirdOne = new Student();

//Student 1

System.out.print("Enter student name: ");

firstOne.name = keyboard.next();

for (int i = 0; i < 4; i++) {

System.out.print("Enter test" + i + " score: ");

firstOne.grades[i] = keyboard.nextDouble();

}

//Student 2

System.out.print("Enter student name: ");

secondOne.name = keyboard.next();

for (int i = 0; i < 4; i++) {

System.out.print("Enter test" + i + " score: ");

secondOne.grades[i] = keyboard.nextDouble();

}

//Student 3

System.out.print("Enter student name: ");

thirdOne.name = keyboard.next();

for (int i = 0; i < 4; i++) {

System.out.print("Enter test" + i + " score: ");

thirdOne.grades[i] = keyboard.nextDouble();

}

System.out.println(firstOne.name + "\n" + firstOne.grades[0] + "\n" + firstOne.grades[1] + "\n" + firstOne.grades[2] +"\n" + firstOne.grades[3] + "\n" + firstOne.average());

System.out.println(secondOne.name + "\n" + secondOne.grades[0] + "\n" + secondOne.grades[1] + "\n" + secondOne.grades[2] +"\n" + secondOne.grades[3] + "\n" + secondOne.average());

System.out.println(thirdOne.name + "\n" + thirdOne.grades[0] + "\n" + thirdOne.grades[1] + "\n" + thirdOne.grades[2] +"\n" + thirdOne.grades[3] + "\n" + thirdOne.average());

}

}

//Student Class

package program11;

public class Student {

public String name;

public double [] grades = new double[4];

public double average()

{

double total =0;

for (int i = 0; i < grades.length; i++) {

total+= grades[i];

}

return total/grades.length;

}

}

OUTPUT

run:

Enter student name: Alice

Enter test0 score: 1

Enter test1 score: 2

Enter test2 score: 3

Enter test3 score: 4

Enter student name: John

Enter test0 score: 4

Enter test1 score: 3

Enter test2 score: 2

Enter test3 score: 1

Enter student name: Mark

Enter test0 score: 9

Enter test1 score: 8

Enter test2 score: 7

Enter test3 score: 6

Alice

1.0

2.0

3.0

4.0

2.5

John

4.0

3.0

2.0

1.0

2.5

Mark

9.0

8.0

7.0

6.0

7.5

BUILD SUCCESSFUL (total time: 33 seconds)