/\*Define a class student described below:

Data members:

name, age, m1, m2, m3, max, avg

Member method:

A parameterized constructor to initialize data members.

To accept details of a students

To compute average and maximum out of 3 marks.

To display marksheet with all the details

Write a main method to create object and call above methods.\*/

import java.util.\*;

class student {

String name;

int age;

int m1,m2,m3,max;

double avg;

student(String Name, int Age, int M1, int M2, int M3)

{

name=Name;

age=Age;

m1=M1;

m2=M2;

m3=M3;

}

void accept()

{

Scanner sc=new Scanner(System.in);

System.out.println("Enter your name");

name=sc.nextLine();

System.out.println("Enter your age ");

age=sc.nextInt();

System.out.println("Enter your marks (m1,m2 and m3 respectively) ");

m1=sc.nextInt();

m2=sc.nextInt();

m3=sc.nextInt();

student obj = new student(name,age,m1,m2,m3);

}

void calculate()

{

avg=(m1+m2+m3)/3;

if(m1>m2 && m1>m3)

{

max=m1;

}

if(m2>m1 && m2>m3)

{

max=m2;

}

if(m3>m1 && m3>m2)

{

max=m3;

}

}

void display()

{

System.out.println(name);

System.out.println(age);

System.out.println(avg);

System.out.println(max);

}

void main()

{

student obj=new student();

obj.accept();

obj.calculate();

obj.display();

}

}