import java.util.Scanner;

class Student

{

Scanner s=new Scanner(System.in);

int stid;

String stname ;

int age;

int []marks=new int[4];

int total=0;

String grade;

void read()

{

System.out.println("Enter id of Student:");

stid=s.nextInt();

s.nextLine();

System.out.println("Enter Name of Student ");

stname=s.nextLine();

System.out.println("Enter Age of Student:");

age=s.nextInt();

s.nextLine();

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

{

/\* System.out.println("Enter Marks of Student: ");

System.out.println("Enter maths marks:");

System.out.println("Enter physics marks:");

System.out.println("Enter chemistry marks:");

System.out.println("Enter biology marks:");

\*/

marks[i]=s.nextInt();

}

}

void calGrade()

{

float avg;

String g;

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

{

total=total+marks[i];

}

avg=(total)/4;

if(avg>=90)

{

grade="A+";

System.out.println("Grade is: "+grade);

}

else if(avg>=80)

{

grade="A";

System.out.println("Grade is:" +grade);

}

else if(avg>70)

{

grade="B";

//System.out.println("Grade is:"+grade);

}

else if(avg>55)

{

grade="C";

System.out.println("Grade is: "+grade);

}

else

{

grade="D";

System.out.println("Grade is: "+grade);

}

}

void display()

{

System.out.println("Details of Student:");

System.out.println("Student id="+stid);

System.out.println("Student Name ="+stname);

System.out.println("Student Age="+age);

System.out.println("Student Grade="+grade);

}

}

class Studenttest

{

public static void main(String args[])

{

int n;

System.out.println("Hello World!");

Scanner s=new Scanner(System.in);

System.out.println("Enter Number");

n=s.nextInt();

Student st[] =new Student[n];

for(int l=0;l<n;l++)

{

st[l]=new Student();

st[l].read();

st[l].calGrade();

st[l].display();

}

}

}