// import java.util.scanner;

import javax.swing.JOptionPane;

public class goa{

public static void main(String[] args) {

String numsubjects = JoptionPane.showinputDialog(args);

int numsub = integer. paraseint(numsubjects);

double marks[] = new double(numsub);

double credits[] = new double(numsub);

double gpas[] = new double[numsub];

double gpaXcri[] = new double[num sub];

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

// system.out.println("enter marks of subject # " + (i+1)+": ")

// double mark = in.nextdouble();

// system.out.println("enter credits of subject # " + (i+1)+";

// double credit = in.nextdouble();

double mark = Double.parseDouble(Joptionpane.showInputDialog("Enter marks of subject # " + (i+1)+": "));

double credit= Double.parseDouble(Joptionpane.showInputDialog("Enter credits of subject # " + (i+1)+": "));

int gpa = gpaCalc(mark);

if (gpa == -1){

i--;

continue;

}

marks[i] = mark;

credits[i] = credit;

gpas[i] = gpa;

gpaXcri[i] = (gpa \* credit);

}

double totalmark =0, totalcredit=0, total gpa=0, totalgpaXcridet=0;

for(int j =0; j < numsub; j++){

totalmark = totalmark + marks[j];

totalcredit = totalcredit + credits[j];

totalgpa = totalgpa + gpas[j];

totalgpaXcredit += gpaXcri[j];

}

// system.out.printiln("your Transcript Information: ");

Joptionpane.showMessageDialog(null, "your Transcript Information: ");

system.out.println("your Total Marks is : " + totalmark);

system.out.println("your Average Marks is :" + totalmark/numsub);

system.out.println("your Total Cridets is :" + totalcredit);

system.out.println("your Accumulative GPA is" + totalgpaXcredit/totalgpa);

static int gpaCalc(double mark)(

int gpa =0;

if(mark >= 90 && mark <= 100)(

gpa = 4;

system.out.println(" Your Grade A and GPA 4");

)

else if (mark >= 80 && mark<= 89) {

gpa = 3;

System.out.println("your Grade is B and GPA 3");

}

else if (mark >= 70 && mark<=79) {

gpa =2;

system.out.println("your Grade is c and GPA 2");

}

else if (mark >= 60 && mark<=69){

gpa = 1;

System.out.println("your Grade is D and GPA 1");

}

return gpa;

)

)