

import java.util.Scanner;

Class Student

{ int ~~sum~~; int n; String name;
String name;
int credit[];

int[] credit = new int [100];

int marks[]; float[] grades = new float[100];

int[] marks = new ~~marks~~ int [100];

~~int product[];~~

void input int[] product = new int [100];

void input ()

{ Scanner scan = new Scanner (System.in);

System.out.println ("Enter student USN");

usn = scan.nextInt();

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

name = scan.nextLine();

System.out.println ("Enter number of subjects");

n = scan.nextInt();

for System.out.println ("Enter credits for " + n + " subjects")

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

{ credit[i] = scan.nextInt(); }

System.out.println ("Enter marks of " + n + " subjects");

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

{ marks[j] = scan.nextInt(); }

}

for (i = 0; i < n; i++)
{ grade[i] = marks[i] / 10; }

double calculate ()

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

{ product[i] = credit[i] * marks[i]; }

int sum = 0;

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

{ sum = sum + product[i]; }

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

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    { int total_credit = 0;
    for (i=0; i<n; i++)
    { total_credit = credit[i] + total_credit; }
    return (probSum / total_credit);
}

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void display()
{
    System.out.println ("Student id is " + id);
    System.out.println ("Student name is " + name);
    System.out.println ("SGPA of student = " + calculate());
}

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public static void main [String args [ ]]
{
    student s1;
    s1.input();
    s1.calculate();
    s1.output();
}

```