

2. import java.util.*;

class subject {
int subject_marks;
int credits;
int grade;

}

class student

{

subject subject[];

String name;

String USN;

double CGPA;

Scanner s;

student ()

to string i; int i;

Subject = new Subject[9];

for (i = 0; i < 9; i++)

subject[i] = new

Subject();

to string "Enter marks for subject" + i + " : ";

s = new Scanner(System.in);

g

void getStudentDetails()

{
System.out.println("enter student
name ");

name = s.next();

System.out.println("enter student

```

    USN[1] = s.next();
    USN = s.next();
    void getMarks()
    {
        for (int i = 0; i < 9; i++)
            System.out.println("Enter subject marks");
        subject[i].subject_marks = s.nextInt();
        System.out.println("Enter one subject credits");
        subject[i].credits = s.nextInt();
        subject[i].grade = subject[i].subject_marks / 100 + 1;
        if ((subject[i].grade == 10);
            if (subject[i].grade == 10);
            if (subject[i].grade >= 4)
                subject[i].grade = 0;
    }
}

```

void computeSRA()

int effectiveScore = 0;

Quick Work

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int totalScore = 0;

for (int i = 0; i < 9; i++)

L

effectiveScore += subject[i];

totalGrade *= subject[i].credit;

totalCredits += subject[i].credit;

(++i; i < 9; i++)

SGPA = (double) effectiveScore /

(double) totalCredits;

int i = 0; // loop variable

i++;

Class Main {

 public static void main (String args[])

 Student s1 = new Student();

 s1.getStudentDetails();

 s1.getMarks();

 s1.computeSGPA();

 System.out.println("name: " + s1.name);

 System.out.println("VSN: " + s1.VSN);

 System.out.println("SGPA: " + s1.SGPA);

g

() A8 v2 > f:\java\bin

; o= oval with (3) to;

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i++

elt[i] -

+ (i). credit();
ut [i]. credit();

Score /

;

String arr[10])

cout();

);

e: " + s1.name;
" + s1.VN);
" + s1.SRA);

01p :

Enter student Name
Sahil

Enter student USN

IBA 22CS 245

Enter marks

98

Enter no. of credits

4

Enter marks

89

Enter credits : 20

30 15 20 18 14 20

Enter marks : A90.

91

Enter credits

3

Enter marks

87

Enter credits

3

Enter marks

78

Enter credits

2

Enter marks

87

Enter credits

3

Enter marks

93

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Enter credits
3

Enter marks
89

Enter credits
3

Enter marks
86

Enter credits
3

Student name: Samvi
Student USN = 1BMA2021208
Student SCRA : 9.188188

S8
19/12/23