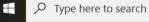
```
ooj2 - Notepad
File Edit Format View Help
import java.util.Scanner;
class Student{
    int i,n,res1=0,res2=0;
    double res;
    String usn;
    String name;
    int credits[];
    double marks[];
    int qp[];
    void getdata(){
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the number of subjects");
        n=sc.nextInt();
        credits=new int[n];
        marks=new double[n];
        qp=new int[n];
        System.out.println("Enter your usn no:");
        usn=sc.next();
        System.out.println("Enter your name:");
        name=sc.next();
        for(i=0;i<n;i++){
            System.out.println("Enter your credits for subject:");
            credits[i]=sc.nextInt();
            System.out.println("Enter your marks out of 100 in subject:");
            marks[i]=sc.nextDouble();
        }
    void printdata(){
        System.out.println("Student details:");
        System.out.println("USN:"+usn);
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                                                                                                                                  ^ □ 🍮 🖫 ENG
```

```
void printdata(){
    System.out.println("Student details:");
    System.out.println("USN:"+usn);
    System.out.println("Name:"+name);
   for(i=0;i<n;i++){
        System.out.println("your credits for subject:"+credits[i]);
        System.out.println("your marks out of 100 in subject:"+marks[i]);
    }
void sgpa(){
   for(i=0;i<n;i++){
        if(marks[i]<=100 && marks[i]>=90)
            gp[i]=10;
        else if(marks[i]>=80)
            gp[i]=9;
        else if(marks[i]>=70)
            qp[i]=8;
       else if(marks[i]>=60)
            gp[i]=7;
        else if(marks[i]>=50)
            qp[i]=6;
       else if(marks[i]>=40)
            gp[i]=4;
       else if(marks[i]<40)
            gp[i]=0;
   for(i=0;i<n;i++)
        res1+=credits[i];
   for(i=0;i<n;i++){
        res2+=(credits[i]*gp[i]);
```

Ln 60, Col 26

100% Windows (CRLF)

UTF-8

























```
else if(marks|i|>=80)
                qp[i]=9;
            else if(marks[i]>=70)
                gp[i]=8;
            else if(marks[i]>=60)
                gp[i]=7;
            else if(marks[i]>=50)
                gp[i]=6;
            else if(marks[i]>=40)
                gp[i]=4;
            else if(marks[i]<40)
                gp[i]=0;
        for(i=0;i<n;i++)
            res1+=credits[i];
        for(i=0;i<n;i++){
            res2+=(credits[i]*gp[i]);
        res=(double)(res2/res1);
        System.out.println("SGPA:"+res);
class Testj{
    public static void main(String[] args) {
        Student stu=new Student();
        stu.getdata();
        stu.printdata();
        stu.sgpa();
                                                                                                               Ln 60, Col 26
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```

Enter USN of the student 1BM19CS22 Enter Name of the student KUMAR Enter no of subjects Enter details of the subjects: Enter credits allotted to the subject 1 Enter marks in the subject 1 Enter credits allotted to the subject 2 Enter marks in the subject 2 Enter credits allotted to the subject 3 Enter marks in the subject 3 Enter credits allotted to the subject 4 Enter marks in the subject 4 Enter credits allotted to the subject 5 Enter marks in the subject 5 Details of the Student Name :KUMAR USN: 1BM19CS22 SGPA of student 7.75 C:\Users\Aman Sinha\Desktop\ooj>

^ **□** ♠ □ ENG 16:29 06-10-2020

C:\Users\Aman Sinha\Desktop\ooj>javac ooj2.java

C:\Users\Aman Sinha\Desktop\ooj>java Main

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