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studentMain - Notepad
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import java.util.*;
import java.lang.*;
class Student{
    int usn;
    String name;
    double sgpa;
    int tCredits;
    int credits[] = new int[6];
    double marks[] = new double[6];
    Scanner in = new Scanner(System.in);

    void input(){
        System.out.println("Enter your name : ");
        name = in.nextLine();
        System.out.println("Enter your usn : ");
        usn = in.nextInt();
        System.out.println("Enter your credits for each subject : ");
        for(int i = 0; i < 6; i++){
            credits[i] = in.nextInt();
            tCredits += credits[i];
        }
        System.out.println("Enter your marks for each subject : ");
        for(int i = 0; i < 6; i++){
            marks[i] = in.nextDouble();
            computeSGPA();
        }
    }

    void computeSGPA(){
        for(int i = 0; i < 6; i++){
            if(marks[i] >= 90)
                sgpa += 10*credits[i];
            else if(marks[i] >= 80 && marks[i] < 90)
                sgpa += 9*credits[i];
            else if(marks[i] >= 70 && marks[i] < 80)
                sgpa += 8*credits[i];
            else if(marks[i] >= 60 && marks[i] < 70)
                sgpa += 7*credits[i];
            else if(marks[i] >= 50 && marks[i] < 55)
                sgpa += 5*credits[i];
            else if(marks[i] >= 40 && marks[i] < 50)
                sgpa += 4*credits[i];
            else
                sgpa += 0*credits[i];
        }
        sgpa /= tCredits;
    }

    void display(){
        System.out.println("USN = " + usn);
        System.out.println("Name = " + name);
        System.out.println("Credits = ");
        for(int i = 0; i < 6; i++){
            System.out.println(credits[i]);
        }
        System.out.println("Marks = ");
        for(int i = 0; i < 6; i++){
            System.out.println(marks[i]);
        }
        System.out.println("SGPA = " + sgpa);
    }
}

class studentMain{

    public static void main(String[] args){
        Student s1= new Student();
        s1.input();
        s1.display();
    }
}

Ln 12, Col 15    60%    Windows (CRLF)    UTF-8
```

```
Command Prompt

D:\Java>java studentMain
Enter your name :
Ishan Bhandari
Enter your usn :
198
Enter your credits for each subject :
5
5
4
3
3
1
Enter your marks for each subject :
90
91
82
79
76
84
USN = 198
Name = Ishan Bhandari
Credits =
5
5
4
3
3
1
Marks =
90.0
91.0
82.0
79.0
76.0
84.0
SGPA = 9.19047619047619

D:\Java>
```