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StudentMain - Notepad
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import java.util.*;
class Student {
        private String usn;
        private String name;
               int credits[];
    private
        private int marks[];
        private int n;
        void accept()
                Scanner s=new Scanner(System.in);
                System.out.println("Enter student details");
                System.out.println("USN:");
                usn=s.next();
                System.out.println("Name:");
                name=s.next();
                System.out.println("Enter the number of subjects:");
                n=s.nextInt();
                credits=new int[n];
                marks=new int[n];
                System.out.println("Enter credits and marks attained by the student in each subject");
                for(int i=0;i<n;i++)
                        credits[i]=s.nextInt();
                        marks[i]=s.nextInt();
        void display()
                System.out.println("Student details:");
                System.out.println("USN:"+usn);
                System.out.println("Name:"+name);
                System.out.println("Marks in each subject:");
                for(int i=0;i<n;i++)
                        System.out.println("Subject "+(i+1)+":"+marks[i]);
        double calculate()
                int tcp=0,tc=0;
                for(int i=0;i<n;i++)
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StudentMain - Notepad
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                        marks[i]=s.nextInt();
       void display()
                System.out.println("Student details:");
                System.out.println("USN:"+usn);
                System.out.println("Name:"+name);
                System.out.println("Marks in each subject:");
                for(int i=0;i<n;i++)
                        System.out.println("Subject "+(i+1)+":"+marks[i]);
       double calculate()
                int tcp=0,tc=0;
                for(int i=0;i<n;i++)</pre>
                        tc=tc+credits[i];
                        if(marks[i]>=50)
                        tcp=tcp+(((marks[i]/10)+1)*credits[i]);
                        else if(marks[i]>=40 && marks[i]<50)
                                tcp=tcp+(4*credits[i]);
                return (double)tcp/tc;
}
        class StudentMain
        public static void main(String ss[]) {
                Student s1=new Student();
                s1.accept();
                s1.display();
                System.out.println("SGPA: "+s1.calculate());
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Administrator: Command Prompt - 0 X Student details: USN:01 Name:arfa Marks in each subject: Subject 1:90 Subject 2:89 Subject 3:89 Subject 4:90 SGPA: 9.434782608695652 C:\Program Files\Java\jdk1.8.0\_261\bin>javac StudentMain.java C:\Program Files\Java\jdk1.8.0\_261\bin>java StudentMain Enter student details USN: 01 Name: nisha Enter the number of subjects: Enter credits and marks attained by the student in each subject Student details: USN:01 Name:nisha Marks in each subject: Subject 1:78 Subject 2:90 Subject 3:89 SGPA: 9.294117647058824 C:\Program Files\Java\jdk1.8.0\_261\bin> ENG 10:54 AM 10/6/2020 ■ Property Type here to search