C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS\sgpa.java - Notepad++

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master.java | masternew | Internals.java | Externals.java | Student.java | Totalmarks.java | father.java | generics.java | program_9th.java | Button.java | DivideAWT.java | quadratic.java | sgpa.java

```java
import java.util.Scanner;
class Student
{
    private String usn;
    private String name;
    private int credits[];
    private int marks[];
    private double sgpa;

    void getDetails(int n)
    {
        System.out.println("Enter Students details:\n");
        Scanner get=new Scanner(System.in);
        System.out.println("USN:");
        usn=get.next();
        System.out.println("Name:");
        name=get.next();
        marks=new int[n];
        credits=new int[n];
        System.out.println("Enter marks and credits respectively:");
        for( int i=0;i<n;i++)
        { System.out.println("\nSubject "+(i+1));
          marks[i]=get.nextInt();
          credits[i]=get.nextInt();
        }
    }

    void calcsgpa(int n)
    { double sum=0,sgpa,sumc=0;

        for(int i=0;i<n;i++)
        {sum=(marks[i]/10+1)*credits[i]+sum;
```

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```java
26          }
27
28      void calcsgpa(int n)
29      { double sum=0,sgpa,sumc=0;
30
31        for(int i=0;i<n;i++)
32        {sum=(marks[i]/10+1)*credits[i]+sum;
33         sumc=credits[i]+sumc;
34         }
35        sgpa=sum/sumc;
36        System.out.println("SGPA :"+sgpa);
37      }
38
39      void printDetails(int n)
40      {
41      System.out.println("\nUSN:"+ usn);
42      System.out.println("NAME:"+name);
43      System.out.println("MARKS\tCREDIT");
44
45        for(int i=0;i<n;i++)
46         System.out.println(marks[i]+"\t"+credits[i]);
47        calcsgpa(n);
48        }
49  }
50
51  class StudentMain
52  {
53      public static void main(String ss[])
54      { int n;
55          System.out.println("Enetr the no of subjects:");
56          Scanner get=new Scanner(System.in);
57          n=get.nextInt();
```

Search the web and Windows

20:28
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master.java   mastenew   Internals.java   Externals.java   Student.java   Totalmarks.java   father.java   generics.java   program_9th.java   Button.java   DivideAWT.java   quadratic.java   sgpa.java

```java
35          sgpa=sum/sumc;
36          System.out.println("SGPA :"+sgpa);
37      }
38
39      void printDetails(int n)
40      {
41      System.out.println("\nUSN:"+ usn);
42      System.out.println("NAME:"+name);
43      System.out.println("MARKS\tCREDIT");
44
45      for(int i=0;i<n;i++)
46       System.out.println(marks[i]+"\t"+credits[i]);
47      calcsgpa(n);
48      }
49  }
50
51  class StudentMain
52  {
53      public static void main(String ss[])
54      {  int n;
55          System.out.println("Enetr the no of subjects:");
56          Scanner get=new Scanner(System.in);
57          n=get.nextInt();
58          Student s1= new Student();
59          s1.getDetails(n);
60
61          s1.printDetails(n);
62
63
64      }
65  }
```

```
Microsoft Windows [Version 10.0.10586]
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C:\Users\AKSHAT SURANA>cd C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>set path="C:\Program Files\Java\jdk1.8.0_261\bin"

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>javac sgpa.java

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>java StudentMain
Enetr the no of subjects:
3
Enter Students details:

USN:
1
Name:
Rahul
Enter marks and credits respectively:

Subject 1
80
8

Subject 2
67
6

Subject 3
95
9

USN:1
NAME:Rahul
MARKS    CREDIT
80       8
67       6
95       9
SGPA :8.869565217391305

C:\Program Files\Java\jdk1.8.0_261\bin\OOJPROGRAMS>
```