

Develop a Java program to create a class student coils members usn, name, an array credity and an array marks, include methods to accept and display details and a method to calculate SGPA of a student.

import java util Scanner; class student

> string name, USD; int marks []: new int [=7; int credit []: new int [=7;

void inputes

Scanner SS: new Scanner (Systemin); System out println ("Enter your nami: name: SS. nextline ();

System. out. println ("Enter your usni");

USD= SS. MINE();

System out println ("Enter the monty of each subject:");

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por (int 1=0; 125; 1++)
    marks [i]: ss. next Int();
  System. out. prinkln ("Enter the
    number of credit for each
      subject :");
   tor (int 1=0; 125; 1++)
      crediti [i]= ss. next Int();
Void display ()
   Systemour. println ("NAME: "+ name);
   System.out-println ("USN: "+USN);
   for (int 1:0; ics; 1++)
    System. out-println ("Montes of each
      subject" + (i+1) + "=" + monles [i]];
    System out printle ( Number of
      coredita for each subject" + (i+1) +
      " = " + credity [i]);
```



void calco int gr-point [] = new Int [5]; int sgpa=0; int sum: 0; float res; NOV (int 1=0; ics; h++) if (marks [1] >= 90) gr-point [i]=10; else if (marks [i] >=80) gr-point [i]=9; else if (monly [i]>=70) gr-point [i]=8; else if (marks [:]>=60) gr-point [i] = 7; else if (marks[i]>=50) gr-point[i]=6; else if (marks (i]>=40) gr-point [i]=5: else if (manky [i] 2:35) gr-pointil 4; else if (mark [i] < 35 ff mark[jo) gr-point = 0; els e System. out println ("Invalid monty

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for subject" + (i+1) + " etitored. Try
  Agaio");
   sqpat = (gr-point [i] * (redits [i]).
   sum += (credits [i]);
   rej = Cyloat) sgpa/sum;
System. out. println ("SGPA = "+res);
 Class sgpa
    public static roid man (string nut)
       Student st= new Student();
        sliput();
       SI. display ();
     si, calco;
```

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Command Prompt
Anagha k s
enter your usn:
1BM21C5021
enter the marks of each subject:
70
68
79
88
89
enter the number of credits for each subject:
6
NAME: Anagha k s
USN:1BM21CS021
marks of eaxh subject1=70
number of credits for each subject1=6
marks of eaxh subject2=68
number of credits for each subject2=5
marks of eaxh subject3=79
number of credits for each subject3=6
marks of eaxh subject4=88
number of credits for each subject4=7
marks of eaxh subject5=89
number of credits for each subject5=7
SGPA=8.290322
C:\Users\Admin\Desktop\ooj>
```