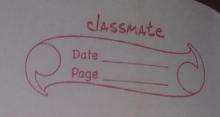
Classmate lab Poro gran - 2 Develop a Java fro to create a class Student with members wen, name an array credits and an array marks Include methods to accept and display details and a method to calculate SGPA of a Student. import java. util. Scanner class Student & Exactor Sking name; String uen; double marks[]; int n;;;

void getdata() { System out frintln ("Enter your Name:"); Scanner SI= new Scanner (Syxtem.in); name = SI. next(); System out Println ("Enter your USN: "); wen = Sl. nent(); System. out. println ("Enter the number of Subjects'); n=Sl. neut Int (); (red = new int [n]) marks = new doublen] System. out. println ("Enter the marks and its the respective (redits") for (i= 0) i < n) i++) 0 { System out printin ("marks ("+(i+);"] = ");

marks [i] = Slonent Bruse; System. out. frintln ("credits ["+(+)+]="); cred[i]=Sl.nextInt();

void printdata () { System. out. println ("Name: "+ name); System. out. println ("USN: "+usn); System. out. printen ("Marks and its suspective and its for (i=0; i<n; i+t) { Lystem. out. printen ("Subject"+(i+)+"-Marke - " + marks [i] + "; Gred +5-" + cred (i3); void calc() { double sum=0; int cre=0; double stoot sgpa jit9P = new int[n+1]; for (i=0; icn; i++) { if (marks [i] >= 90) ( 9P[i] = 10; elu if (marks [i] > = 80 & lomarks [i] < 90) g P[i] = 9; else if (marks [j]>=70lele marks [i] <80) 9P[i]=8; else if (marks[i]>-6086 marks[i]<70) 9 P[i]= 7; else it (marks[i] >=50 lde marks[i]<60) 9P[i]=6; elle Apossocites gP[i]=5; dente sum = (double)(credsi] \* 9P(i])
+ sum; int cre= credsi3+ cre; 5 gpa = Sum/cre;

3 System. Out. Riveln ('SGPA = "+ sgpa); System. out. peint ("SGPA = "6.0.2f", SPPA);



Class Student Main () {

public static Void main (String args[]) {

Student SS = new Student();

SS. getdata();

SS. printdata();

SS. calc();

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