Develop a Java preggam la create a class Eludent with member USN, name, an array credits and an array mark Include methods to vaccept and display details and a method to dalculate SERPA of a Sludent. > empost. Java cild. Sanner; Klass Sliedent 2 void display (Sking name, String USN) System. Out printle ("USN & Sludent"+USN); Bystem. out. Paints (" Name of Student" I rame); void Calculating Sgpa Cdouble CI marks, double [] Chedils, in double gradepoints[] = new double [number]; double Sgpa, Sum = 0, freem = 0; for [cht i=0; i< nember; i+t) ig marlis[i] > = 90) geade points [i] = 10; else if (marks [i] > -80) grade points (i) = 9%, else if (marky (j) >= 70) glade points [i] = 8; eke & (marksli] >=60) geade points [i]=7/ else if (marks[i]>=50) grade points [i]=6; Clse if Emourles (i) =40) geade point & [i] =. 4% q geadepoints [i] =0 Seen (ait i = 0; i < number; i++) Sum + = Credits [i] * gradepoints [i]; ft. Cent i = 0; i < number; i++)

tnum + = aedits [i]; Sgpa = Sum I truem; Bystem. out-presitter ("Supa is" + Sgpa); class Sypa ? public Static boid main (String args []) { Scannes S = new Scannes (System in); dystern out Prendly ("Enter name and usn of Student "); Slung name = S. next(); Steing USN =5. next (1); Student SI = new Student (); System · Out · Prent (" Enle The number of courses"); int number = 5. next Int (); double credits [] : new double [number] double marles [] = new double [neember]; for (inti = 0; i < number; i++) System-out-Ment (" Credit of Subject "+ (i+1)+";"); Credits (i)=5.next Double (5) System. out print ('Marke & Subject" + (i+1) +":"); maches [i] = S. next Double ()) 81. display (name, USh); 31. Calculatisgpa (marks Cledits, number); Output: - Enter your name: Dheavyer . M Entre due marker of each subject; 98,88,78,67,98 LENGE USN: 1 BM21 CS086 Enter no & credit :- 413/2/1/4 Name: - Aheavege M USN: (BMZICS 056 Marses of Suger 1: 98

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sers\hp>cd C:\Users\hp\OneDrive\Desktop\1bm21cs056
sers\hp\OneDrive\Desktop\1bm21cs056>jav<u>ac_sgpa.java</u>
sers\hp\OneDrive\Desktop\1bm21cs056>java_sgpa
r name and usn of student
ууа п
r the number of courses
it of subject 1:4
s of subject 1:40
it of subject 2 : 3
s of subject 2 : 90
it of subject 3 : 2
s of subject 3 : 85
lit of subject 4:1
cs of subject 4: 70
it of subject 5 : 4
cs of subject 5 : 100
of the student
e of the student dhravya
A is 8.0
Users\hp\OneDrive\Desktop\1bm21cs056>_
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