I Develop a Java program to create a class Studen with members usn, name and arrays credit, man Include methods to accept & display details and a method to calculate sgrA of the student unport java util\* Public class Student Heing name; Steining usn; int sharks []= new int [5] int credits [] = new int [5]; int tot = 0; int grade 0; void leaddata () Scanner Obj = new Scanner (System in); System out paintle ("Enla the name of the student"); name = obj. next(); System out "println ("Enter the USN"); wsn = obj. next(); System. but. println ("Enter the cudits & marks for 5 subjects "); for (i=0; i25; i++) System. out. peintln ("Ceedits for subject" + (i+1)+":")
ceedits [i] = Obj. next Int();

Scanned with CamScanner

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system. out. perinten ( marks for subject "+ (i+i)+"
marks [i] = obj next Int();
void calc_sqrx()
    for (1=0; 1(6; 1++)
        if (marks [i]>= 90 & & marks [i] <= 100)
     else y (marks[i]>=75& & marks[i]<90)
       else (y (marks [i]>=60 ll marks [i] <75)
       grade = 8;
else if (marks [i]>=50 && marks (i) < 60)
         geade : 7;
        elde ij (marks[i]>=45 && marks[i] <50)
        else if (marks [i] >=40 && marks [i] < 45)
          grade=6;
           grade: 5;
         ela y (marks[i]<40)
         tot = tot + grade * credits [i];
        System out println (" 5GPA
                                            :"+tot);
        System. out. println ("Name:" + name);
System. out. println ("USN:"+ usn);
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System out printen ("Marks & Credits for all 5 subjects:")
 U for (i=0; i<5; i++)
       System out println (marks [i]);
System out println (cudits [i]);
    calc_SGPA;
   public static void main (String ags [])
        Student Ob = new Student();
          ob. neaddata():
          Ob. calc-SGPAD;
           ob. details (1)
 Enlée the name of the student
  Sneha
  Enter the USN
   10m19cs158
  Enter the credits and marks for 5 subjects credits for subject 1:
  Marks for subject 1
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leedits for subject 2:
 Marks for subject 2:
  Max Cerdits for subject 3:
   Marks for subject 3:
   Credits for subject 4:
   Marks for subject 4:
   Credits for subject 5:
    Marks for subject 5:
    SGPA:9
     Name: Sneha
     USN:16m19c5158
   Marks and credits for all 5 subjects:
    98
     5
     4
     76
     4
     87
     4
    SGPA19
```