```
Import java util scanner;
   class student
    String name;
              [] = that new int (5];
    int oredits [] = new int [5];
    int grade = 0;
     double total = 0;
Void get_data()
Scarmer in = new Scarner (system in);
 system out println ("Enter student name: "
  system. out print (" ruler the USN: ");
  system out print l'anter the no of subjects: ");
     n = in next Int ();
  system out print l'a ("entir the no of subjects");
  eystem out println ("Enler subject credits
and subject martes:");
for (i = 0; i< n; i++)
     n=in nextint
        system out println ('credits for subject" + (1+1)+":");
      credits [i] = in nex+Int();
        stum out println ("Marks in subject"
+(i+1)+":");
```

```
marks [i] = tn. max in next Int ();

> void (alculate_sgpa())

Lear (i=0; i\n ; i++)

if [marks[i]>=90 ff marks[i]<=100).

grade =10;

else if (marks[i]>=80 ff marks[i]<=90

grade = 9;
       else if [marks[i] > = 70 ff marks[i] <= 80)

anadi = 8;

else if [marks[i] >= 60 ff marks[i] <= 70)

anadi = 7:
   grade = 7;

else if (marks [i] > = 50 ff marks [i] < = 60)

grade = 6;

else if (marks [i] > = 40 ff marks [i] < = 50)

grade = 5;

else if (marks [i] > = 0 ff marks [i] < = 40)

grade = 0;
       System out println ("invalid marks");

total = total + (grade & credits (i]);
               total = total/20;
             total = total/20;
System out puintin("Sapa="+total);
```

	Page No.:	VOUVA
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anid stid-details ()		
system out println ("Name"	" + nouve);	
system-out println ("Name:" + noune);  system-out println ("USN:" + Usn);  system-out println ("Marks & Oudits of all  subjects:")  war (i=0: KN; i++)		
system out print In ("mark	es & oudits of	all
• subjects:")		
for (i=0; KN; i++)		
	1 11 0 12 12	. 11 . 11 \ .
system out print In ("subje	0: + (1+1)	)+: ),
1.11.1. a 21.1 a 21.1 11.2 11.2 11.2 11.	+marlas C:	1):
systemout paut In ("Marks:"  Systemout paut In ("Credits"	· A . Charlita	177:
sighten out plant In ("Credity	+ 0000003	
	A FA	
~		
public static void main (st	ring augs []	)
	1 0	
Student 3 = new student ()	)	
s. get data ();		
5. get data(); 5. calculate - sepa (); 3. stud - details ();	with traini	et politic
s. stud - details ();		
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