2>	Develop a Tava program to create a class Student with members	
	ush, name an array credits and array marks. Include methods	
	to accept and display details and a method to calculate SGIPA	
71	of a student.	
\rightarrow		
3	E (course credits)	V
	import java. util. Scanner;	
	class Subjects	
	int subject Marks.	
	int credits;	5
	int grade;	(5
	June 20 Mar	6
	class student?	
	String name;	
	String usn;	
	double scrPA;	9
	Scanner 5:	
	Subject subject[];	•
	student()	
	d	
	int i:	
	subject = new Subject[9].	-
	for(1=0;1<9;1++)	-
	1	
	subject[i] = new subject();	0
	7	
	S= new Scanner (system. in);	-
	1	
		-

```
get Student Details () of
void
        System. and , print in (" Enter the name;");
         name = 3. next Line();
         System. out. println ("Enter the USN:");
         usn = s. next Linell;
4
void getMarks()d
       1 tt 1;
        for (1=0; i<9; i++)
                  System.out. println("Exter the marks & credits for course
                                             "+(i+i)+":");
                  System. out . printly (" Marks:");
                  int marks = s. nextInt();
                  System. out. println (" (redits: ");
                  ; nt (redits = s. next Int !);
                  subject [i], subject Marks = marks;
                  subject [i] credits = gredits;
                  subject [i]. grade = (subject [i], subject Marks)/(10) +1°
                  if (subject[i] .grade == 11)
                        subject[i].grade=10;
                  if (subject [i]. grade <=4)
                          subject [i]. grade = 0;
```

```
void computesGPA()
       int total-credits = 0;
       Pos(1=0; 1<9; 1++)
                                                                    W.
              total grade and credit += subject[:], credits + subject[i], grade 1
                                                                    double SGPA = (float) totalgrade and credit/total_credits?
       System. out. println ("Your SUPA is:"+ SUPA);
dass
        Main ( )
        public static void main (string args[]) &
               student s1 = new student();
               S1. get Student Details();
               s1. jetsMarks();
               S1. compute SGIPA();
Output:
Enter the name: Sartash Jambagi
Enter the USN: 1BM29CS244
Enter the marks and credits for course 1:
Marks: 88
credits: 4
```

2

Enter the marks and credits for course? Marks: 89 credits: 4 course 3: Marks: 89 credits: 3 Course 4: Marks: 82 credits: 1 course 5: Marks:91 credito; 1 course 6: Marks: 90 credits: 3 COURSET: Marks: 81 credits: 3 (ourse 8: Marks: 97 Arcredits: 1

Your SUPA 15: 9.25