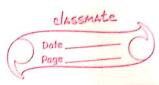
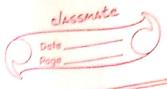
	Lat Program 2:
T IN	and an interest to the author that the
2.	Develop a Java program to create a class
	Student with members us, name, an array
	credits and an array marks. Include methods
	to accept and display details and a method!
	to calculate 3GPA of a student.
1	it is a contract of the contra
	import joura-util-Scanner;
	reality for the consistent of
	clars student ?
	String usn, name;
	int n;
	int marks[];
M	int credits[];
);	int grade[];
	double Sofsei;
	C .
1	void injut() {
Suday.	scanner sc=new Scanner (System.in);
dito	system out println ("Enter the Name of the
	student: ");
	name = sc-nextline();
	System act println ("Enter the USN 106 the
	student: ");
	usn = sc. next Line ();
	system out println ("Enter the number of
	subjects: ");
	$n = se \cdot nextInt();$
157	marks - new int [n]; credits - new int [n];
	crechts = new int [n];



for (int i=1; i==n; i+t) { system out println ("Enter marks in Subject "tit": "); marks [i-1] = sc. next Int (); for (int i=1; (=n; i++) { System.out. println ("Enter credits in Subject "+it"." credits [i-1] = sc. next Int (); word display () f system out println ("The details of the student are as follows: \n' + "Name for (int i=0; i=n; i++) { System out println ("In Marks in subject "+(i+1)+":"+ marks [i] +"\n Credits in subject "+(i+1) + credits [i]); void grade Calculate () for (int i=0; i<n; i++) ? if (marks[i] >= 90) grade [i] = 10; else if (marks[i] >= 80 ff marks[i]<90) grade[i]=9; else if (marks[i] >= 70 ff marks[i] <80



```
grade[i]=8;
else if (marks[i]=60 ff marks[i]=70)
      grade[i] = 8;
    else if (marks[i]>=50 ff marks[i]<60)
    else if (marks[i]>=40 ff marks[i]<50)
  double sgpa () {
    double um=0;
    double total Credits = 0;
    sum += grade[i]* credits[i];

totalCredits += credits[i];
     return (sum/ total (redits);
public static void main (string angs[]) [
   student stu: new student ();
   sturingut ();
   ster display ();
   stu-Sgpa: stu-sgpa();
   system. out println ("The SGPA of the
 student is: "+ stu-Sopa);
```