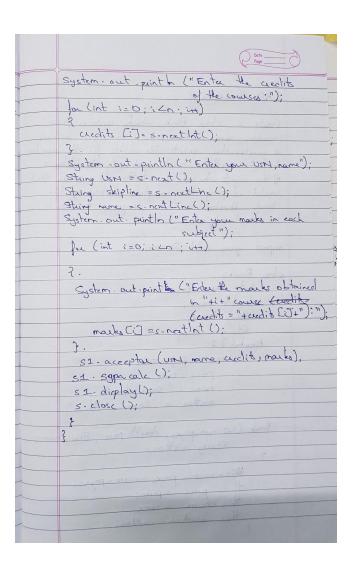
## Lab Program 2:

Develop a Java program to create a class Student with members usn, name, an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.

## Code:

Date Progr	6 = 29
8-0) valado hace	void display ()?  System out print (" usn; " + usn + " \n" + "rom  + rame + " \n" + "sgpa;" + sgpa; "+
LAB PROGRAM 2.	Suction - out print (" user : " + user + " In" + "rom
24 100 2 A 10 A 10 A 20 A 20 A 14	+ ranc+ "/n" + "sgpa: "+gga
Develop a Two program to create a class	12. does do commo mile o golas
Student with members USN, Name, an away	void sypacale ()?
credit and an away marks. Include	Walley Calley Builds
methods to accept and display details and a	Jan (int i=0; i knocks length; its)
method to calculate SPPA of a student.	the 2 state of bother
(0) = de (0R = < Fi) den) (i	if (marks Ci] >= 90) cit= 10;
import java util . scanner;	else il (marks Ci] > = 80) cuti =9;
class Student of as 100 days)	else if (marks [i] >= 70) ext = 8;
String many of the land for	else if (marks (i] > 60) cuts = 7;
String USN; & To Area) 1:0/4	cle if (marks [] 250) cit=6.
int marks ()	else if (marks [] >40) cuts =5;
sat (credits ET; a diam) Tissle	else if (marks [] > 36) cit=4,
double sapa =0;	else i(marks (i) >=0) cut =0;
int cats =0;	squate cit * achit Ci];
int total =0;	totared + = aredito Ci] *10;
void acceptor (String user, String name, int	sgpa = (sgpa/total)* 10;
are dits [], int marks [])	a company of the comp
2	class lab-3?
this. USN = USN;	
this name a name;	public static void main (string () augs
this. audit = acalit;	
this. marks = marks;	Scanner S= new Scanner (System.in);
3. It starts althing two smalleris	= Jetem . out . print / ("Enter the number of
student (int audsize)	intn=s. next lat (); int execut C?= next + C?
2 Oldton or the	into =s. next Int ();
acolits = new int Cardsize ];	
marks = nao int [cuasize];	int marks L ] = new int Cn7.
. ( S. talaste and la talas	Student S1 rnew student (n);
	"



## Output:

## Command Prompt

```
Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.
C:\Users\bmsce>cd C:\Users\bmsce\Desktop\1BM21CS017
C:\Users\bmsce\Desktop\1BM21CS017>javac Lab_2_java.java
C:\Users\bmsce\Desktop\1BM21CS017>java lab_2
Enter the number of courses
Enter the creadits of the courses:
Enter your usn,name
1BM21CS002
Aadi
Enter your marks in each subject
enter the marks obtained in 0 course (credits= 3) :89
enter the marks obtained in 1 course (credits= 4) :97
enter the marks obtained in 2 course (credits= 2) :56
usn:1BM21CS002
name:Aadi
sgpa:8.77777777777779
C:\Users\bmsce\Desktop\1BM21CS017>
```