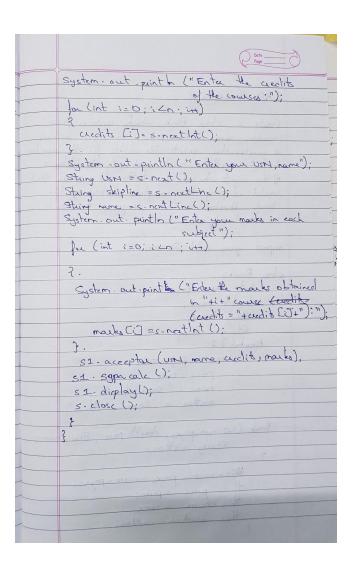
Lab Program 1:

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:

Oute	
& Overly Land	soil declay () ?
LAB PROGRAM 2.	Void display ()? System out paint (" USN : " + USN + " \n" + "room
1 22 4 27 422 41	+ ranc+ "/n" + "sqpa: "+sqpa
Develop a Twa program to create a class	System out paint (uset : + com + com + com + sqpa "+ sqpa " + sqp
Student with members OSH, Name, an away	void egpacale ()?
credit and an away marks. Include	
methods to accept and display details and a	for (int i=0; i < marks. length; its)
method to calculate SGPA of a student.	the 2 state the total to the
al distal Collection of the little	if (marks (i] >= 90) (1+ = 10;
impart java util . Scanner;	else il (marks Ci] > = 80) cuti =9;
day Student ? a selection	else if (marks [i] >= 70) with = 8;
String more; String	else if (marks (i] >= 60) cuts = 7;
string USN; SCO whoman from	else if (marks [] > 50) cit=6;
int marks (); I when I was	else if (marks [i] >40) cuts =5;
sot credits [T] advan) posts	elscij (marks [] >36) cit=4;
dauble sapa =0;	else f(marks (i) >=0) cut =0;
int ats =0;	sgpat= cit * ciedits Ci];
int total =0;	totard + = ardit Ci] *10;
F Comments	3
void acceptor (String usn, String name, int	sgpa = (sgpa/totad)* 10;
archite [], int marks [])	(1) de y a. to: 10 de sa
3	1 1 1 5 6
this. USN = USN;	class lab-3?
the name a name; that all and	2 public static void main (string () augs
this. audit = acalit;	
this. marks = marks;	Scanna s = new Scanner (System.in);
1 2 of state of this two constants	System. out print In ("Entarthe rumba o
student (int and size)	System out printly ("Enter the number of courses");
2 Of the territoria	intn=s. next Int ();
and it cardsize];	in acais LI = new int (n)
rails = nao int [cicosize];	int marks [] = new int Cn7.
. B. tolonie and to him !	Student S1 = new 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>
```