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 SNIPPET:

Foriday	Classmate Date 2/12/22 Page
	LAB-a Created have
	Develop a T
	members usu, name an approximate a class estudent with
	members use, name an agonay condits and an agonay months,
	include methods to accept and display details and a method to
	ALON ALON SO SHOW IT ALL
	class stylen! Scanner;
	C C Control of Parish And Parish Control of the Con
	(1) (Athor) + (1) = 12 + (14) + (14) + (14)
	storing name, USN;
	int modules [] = new int []
	int caedits[] = new int[]
	Void (alcC)
	Void input()
	Ca. Jan wat = L Janiag - Ra Mi
	Scanner ss = new Scanner (System in);
	System. out. paintln ("Enter your name: ")
	name = Ss. nextline().
	System out paintln ("Enter your USN:");
	USn = SS. Next();
	System out. parintln ("Enter the morks of wach subject : ");
	Joa (int i=0; i25 ; itt Alleman) be ado
	Palidana re
	madks[:] = SS.nextInt();
	3 8 5 6 13 0 19 - 10
	System out paintln (" Enter the no of wedits for each subject: "
	for (int i=0; ix5; i+1)
	(oredits [i] = Sc. next Int();
	3 (2. Elitorisa 193
	LOA = C TO WEEK I GAR.
	Z=(II-min-mp)

_ Foriday	classmate Date 2/2/21 Page
	Void display()
	(
	Sustem out - months (walance)
	System out println("NAME:" + name);
A	John (int i = 0: in a in
	for (int i=0; i25; irt)
	Surton I will find the Asian and Admin
	System out pointln (" manks of Jack Subject + (i+1) +
	11,00163 [1]
	System out pointln (16 Nomber of Gredits for each
	Subject " + (i+1) + " = " + (sediti);
	3 state amon andata
	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	[San J to wood = Family to the wood =
	Void (alc ()
	1 Dans Luc
	int ggn_point[] = New int[5];
	int Sapa = 0; many tomas and tomas
	int som = 0; float tres;
	403 (int i= 0; i25; itt)
	1 250.14 cm 12 50000
	iy(magus(13)=90)
	else id (a a si3 = 10; estas material and material
	else if (monks[i] > = 80)
	gra-point Ci J= q.
	else if (melus(i))=10)
	91- point [i] = 8.
(4) (1 (2 (3 (4)))	else if (molks(i) >= 60)
	99-point()] = 7;
	6/26 : A (WOBILS [!] > = 20)
	cgi-paint[i] = (;
	else if (monks [i] >= 40)
	ga-point(i)=5-

```
Classmate

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Page
Friday
                else if ( mooks(i) >= 35)
                        93-point 4;
                else if (mankili) (35 86 manks to)
                        go -points = 0
                else
                     System out pointle ("Invalid morks");
                 for ( sofied "+ (it) + is entered . They Against).
                       Sapa += ( ga-point (i) to (medity [i])
                       Sum + = (oedits [13);
               System. out. println ("slath = "+ Jes);
       Class sgp1
             Public states word main (Storing 22063)
                 Student si = neu student (1)
                SI-inputC);
              SI- display (1)
               51. (alc);
```

OUTPUT:

```
C:\Users\bmsce\Desktop>javac sgpa.java
C:\Users\bmsce\Desktop>java sgpa
Enter your name :
anagha
Enter your usn:
1bm21cs022
enter the marks of each subject:
89
90
67
99
95
enetr the number of credits of each subject:
NAME :anagha
USN :1bm21cs022
Marks of each subject is89
Marks of each subject 1509
number of credits for each subject1= 4
Marks of each subject is90
number of credits for each subject2= 4
Marks of each subject is67
Marks of each subject is67
number of credits for each subject3= 3
Marks of each subject is99
number of credits for each subject4= 2
Marks of each subject is95
number of credits for each subject5= 4
sgpa= 9.235294
```