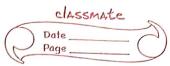
LAB Peogeam - 2 Develop a Java peogean to create a class Student 19-72-2023 nembers ush, name, an array credits and an array may members use, name, an uning Include methods to accept & display details and may to calculate SGPB of a student import java util. Scanner; class Subject int subject Marks & ALE BS PIPEPPER 0int credity; (1886 2 5 5802 0 587. E. String grade; wish of lukes 1223 String name; String Who; double SCIPA; Scarrer 5; Subject subject [];

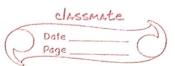
Student() subject = new Subject [9]; for (i=0; i<9; i++) subject [i] = new Subject (); 5 = new Sconner (System in); void get Student Detaile () System out printle ("enter your name: "); name = s. nextline ();



```
System.out paintle ("erter your usn: ");
            usn = 5, next ine ())
       void get Marks () < stone ) + ind;
             int it's above l'isteribus
             for(1=0; i<8; 1++)
               System out - printly ("ever the mash & credity for course" + i + ":)
                System out printly ("marker: ");
                 int masks = s. next Int ();
                  System out paintly ("credity: ");
                int eredit = 5, next that ();
                 subject [i] subject Markes = marke;
               : Subject [in] regulité = l'évadit;
                 if (marks >= 90 & & & moules <= 100)
    : etihors. [ 1) troide subject [i] ogstade = "6";
           ( ohn 30 (i) traduce) detains
                else if (marks >= 80 & 8 marks < 90)
Maidag "Or = + italy who enlated: "o seen
                subject [i] glade = "A+"9;
    case "A" totalacaclos Enter = 9x 311h
                else if (masks >= 70/ &8 masks (80)
     due * 8 - + Strantonintent : "A" see
                subject [i] grade = "A";
               else if (marks >= 600 48 marks < 70)
      Les & Sing shopeded in 8 see
             subject [i]-géade = "B+";
              else is (marks >= 50 & & marks < 60)
```



subject (i) grade = "C"; else it (marks >= 0 & & marks < 40) subject (i) grade = "F"/3 a draw and gate) of trace him williams roid compute SGIPA () () to I tree 2 = relien to italia I all ion tim and will double totalcedits = 10,2 double totalgeadepoints = 0; por (i=0; i<8; i++) totalcredits to subject [i] credits; switch (subject (i). grade) case o": totalgeodepoints += 10 * subject (i) coulti a break it when case "A+": totalgradepoints + = 9 * subject [i] white Ex break in drown to case "A": totalgrandopoints += 8 x subject [i]. auditi case "B+": totalgeodepoints += 7 * subject [i] ceediti case "B": totalgradepoints += 6 * subject[i]. credits case "C': totalgendepoints + 5 * enbject [i] cruliti break ! Liday



	Page
	case "F" tota agaderate + = 0 * subject (i) entite
	case 'F': totageodepoints + = 0* subject (i) vertis, bleak:
	1
	3
	sgpa = totalgendepoints / totalcedits;
	System out printly ("Name: "+ rame);
	System out println ("USN " + usn);
	3 System. out. println ("sopa is: "+sopa);
U.	3
	}
	class sgpa
190	1
	public static void main (String args [])
THE STATE OF THE S	
	Student s) = new Student ();
	51. get Student Details ();
1010 1010	s). getMarky();
	S1. comprete SGPA();
THE STATE OF THE S	3
	$\alpha + +$.
	Output:
- 12- 118 - 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1	erter your name: dhon;
V-au	erter your urn: 215
	exter the marks and credits for course o:
	marks: 90
	credits: 4
# 1	exter the marks and resolits for course J:
-5.	marks: 93
	credits: 4
	enter the marks and endits for course 2:
	marks: 94
	redits: 3

exter the maske and credits for course 3: marks: 96 aedits:) name: adhanished but phosphatel = agent ma : (215+ 100 mm/1/2) the spa is: 10.00/ il stint atabitator 12 il) execution (2 elle s). Lemonte SC, PA () s Jana War 315 in the marker and earther has some she le: L'action and Mahar Aver adaption additionals