lab 2: perelop a Java program to create a class student with members uso, name, an array credits and an array marks, Include methods to accept a display details and a method to collecte. SGPA of a student SGPA = [(course credits) (course points)] I [course credits] import java util. *; class Subject & int sub marks; int credits; int grade; class students subject subject[]; string name: string usn; double SGPA; scanner 53 Student () 5 subject = new subject [9]; for (1=0 sic 9 sitt) { subject [i] = new subject [];

S= new Scanner(system.in);

void getstudentdetails ()
c and oliver
System out printin ("Enter Time (); this name = s nextline ();
this name = s.nextline ()
this name = s nextline (); this usn = s nextline ();
3
void get martes ()
for (int $i = 0$; $i \in S$; $i \neq t$)
System out printly ("Enter the marker of "+ lity)+
"cubicc t");
- List [i] . Sub marks = S next Int()
System out print In ("Enter the credits of "t(i+1)+
"subject");
subject [i]. credits = s. nextInt();
subject [i]. grade = (subject [i] · sub-marks/10/4)
if (subject [i] grade) so) {
subject li Jarade = 10;
3
if (subject [i]. grade (4) f
subject [i]. grade=0;
3
3
3
Void compute SCAPA () {
int total credite = 0;
Int sum =0
for (int i=0; i(8; it+) {
sum=sum + subject[i] · grade * subject[e] credit
3 totaleredite = total ordite + subject [i]-credite)
🗜 - 그는 어떤 전 경영 등 있는 사람이 되면 없는 사람이 되었다. 사람이 가는 사람이 되었다. 그는 그는 🗻

this. SGPA = (double). sum / total credite j public class Main & public static void main (string argeli) { Student SI= new Student (); SI. getstudent details (); staget marice (); () AGDZ stramop-13 system oud printle ("Name: "+ siname); System out - printle ("USN?" + SI. USD); System.out. printla ("SOPA:" + 51.5 GPA); Sutput! Enter name and usn Scenketh M. Hanaga 1BM22CS242 Enter marks of i subject: 85 Enter credits of 1 subject : 4 Enter masks of 2 subject: 86 Enter credits of 2 subject: 4 Enter maxics of 3 subject: 90 Enter credity of 3 subject! 3 Enter marks of 4 subject 1 88 Enter credits of 4 subject: 3 marks of 5 subject, 79 Enter Enter excite of 5 subject: 3 Enter marks of 6 subject: 84 Enter arealities of 6 subject? 1 Enter marks of 7 subject: 99

Enter marks of & subject: 90 Enter credits of 8 subject: 1 Norme: Sanketh M Hanasi USWI IBM22CCSUZ SGPA GALLER STANDER OF THE STANDER to the state of Water and the said

Enter credits of 7 subject - 1