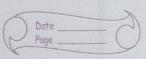
29/2/23 Develop a Java Program to create a class student with member usen, name, an avoy created & an avoy morks Induse mothod to accept and display details and a method to calculate SGIPA of a student. Algorothm Queate a class Student. Declare arrays radits & marks of 872e 8 Create a mother Details. Read Propert Name & USN. Read subject readit and mode scored by stubil Create a method Calsoph to conscilate SGA InHalise total credits & Sum to O. Declare variable on for P=0 fill P=credits. legth Ancrement i by 9. 4 9 redite length exit the lap

1 9 Compute grade Value = (morks [3]/10) +1

Greate a mother of grade Value = 11, consider of as 10 else of grade Value = 4, consider of as O ans = total Sum/ total Gredits Create a method SGPA. Create an essed tudent of type Student Priest Stoked USV, Name Port Call mothed Cal86PA Pour Sepp. Stop.



Emport gava util Scannon;
The same of the sa
class Student
Storing wollshi:
Store name,
Patt 9 credits = new Pat[8];
Ent[] mooks = new ent [8].
pulle roid Detalls () {
Scanner Enput = new Scanner (Eyem 8n);
System. out-pount in ("Enter (BN: ").
Usn = input. nox Hine();
System. out. posith ("Enter mme:").
name - Enput nexthine ();
public cross Figure 1
Syckm out. printla ('Enter details: \n');
for (int 1 = 0; 82 Gredits length; 141)?
Bystem . Ord. pountly ("In Enter the coadits of subject" +
(9+1).
credits[?] = enput. next Int().
System. out sportently (" Enter the morks scored in that
subject "+ (i+1);
marke (E) = Paped next Int(); }
110 1 1/ 0 1000000
public double Cal8GPA() }
Pot Intal Credits -0;
Pot 8um = 0;
double are
los (int 8=0; 8< Gredits length; 8+1)? Intal Gredits + = oredits (i);
total Gredits + = Gredits (i);
Pat gradevalue;
gradevalue = (marks [2]/10)+1.

of (grade Value = = 11)

grade Value = 10;) else of (gode Value (=4) {
gode Value = 0; 4

Sum = = gode Value * ordits (9); ans = (double) Sum/ (double) total Godite. Jeturn ans public class SGIPA { public state void marn (Storag () ags) {
Scarrer Engal = new Scarrer (Rysem.in); Student student = new Student () .
Students Defails (); Bystem. out. prantle (" In Student Details:");
System. out. pountle (" 18W: + student use);
System. out. pountle (" Name: " + student name); double SEPA = student. CalSEPA (): System. out. pountle (" n 86.PA = " + SEPA);

```
Enter USN:
CS001
Enter Name:
Aakanksha. V. R
Enter details:
Enter the credits of subject1:
Ш
Enter the marks of subject1:
95
Enter the credits of subject2:
Ц
Enter the marks of subject2:
97
Enter the credits of subject3:
Enter the marks of subject3:
90
Enter the credits of subject4:
Enter the marks of subject4:
85
Enter the credits of subject5:
Enter the marks of subject5:
84
Enter the credits of subject6:
```

```
Enter the credits of subject3:
3
Enter the marks of subject3:
90
Enter the credits of subject4:
3
Enter the marks of subject4:
85
Enter the credits of subject5:
3
Enter the marks of subject5:
84
Enter the credits of subject6:
1
Enter the marks of subject6:
99
Enter the credits of subject7:
Enter the marks of subject7:
95
Enter the credits of subject8:
1
Enter the marks of subject8:
90
Student details:
USN: CS001
nAME: Aakanksha.V.R
SGPA: 9.7
```