Bevelop a Java Program to create a class Student with members using varies, an array marks. Include methods to accept and display details and a molland to calculate SGPA of a Student.

Surpert java. Util. Scanner;

import java. util. Scanner;

closs student?

private steing user;

private string name;

private sut[] credit;

private sut[] nours;

private sut[] nours;

private sut numbus;

public void acceptaletails()

Scanner ob = new Scanner (System.in);
System.out.println("105N: 19);

usn = ob.nextline();

System.out.preut ("Enter Name: "); rame = 06. next level);

System out print " Enter number of subjects: 19);

numbubs = Ob . next Int();

ceredits = now int (numbers?;
marks = new int [numerbs);

for lint i=0; i< numbubs; i++) {

System.out-print(" Enter credits: +1);

credits[i] = 66. nort Intl);

```
system out print "Enter nacks for subject 3 19)-
     marke[i]=ob.nex=Intl);
 Public vold display()
    System out printle ("USW: "9+USN);
   System. out. prewth (" Name: "+ name);
   System out prentln (66 No of subjects: ++ + mensubs);
   for lint 6=0; ix numerous; (++) {

System.out.println(66 Subject 19+(i+1)+66: credits=11+
    credits[i] + 16 Marks = 19 + marks[i]),
public double SGPA()
                                            The Spreadlen
    int recodits =0;
int total grade gets = 0;
     forlitti=0; i < numerals; i++?
         int grade point = getgradepointlmarkel ();
         totalgradepts + = geodepoint + credit[i);
```

fotal codits t = crodits[i];

```
if (totalcredit >0) {
      return (double) totalgradepts/total visdits;
  else ?
   vetur 0.0;
public ent getgradepointent narts) {
   if (marks >=90)
     return 10;
 else if(murks >=80)
     return 9;
                             18. I palmy set syron regun
   else if (marks >= 70)
      veturn 8;
    else if (marks >=60)
      return 7;
    else if (norks >=50)
       return 6;
                                      X00508EH81: NSN
    else if (mortes >=40)
      voturu 5;
    else oreturn o;
public class Main?

public static void nain(String args[]) {
```

```
Student s = van Studentl);

S. accept@etails();

S. display();

double sgpa = d. coleasqPA();

System. out. println(" in sqDA" + sqpa);
```

3

Enter USN: 18M23CS001

Enter vame: Hrishikash

Enter number of Subjects:3

Enter credits for subject 1:4

Enter marks for subject #: 85

Enter credit for subject 2-3

Enter nouse for subject 2:75

Enter ceredits for subject 3:3

Exter marks for swject 3:6 6

Student details:

USN: 1BM23CSOOX

Name: John Heishilesh

Number of Subjects: 3

Subject 1: credits = 4, Marks = 85

Subject 2: coredits = 3 (Maryes = 75

Susject 3: Credits = 3, Noures = 60 56 DA: 8.1