Vinit Amar

⟹ Java Student

```java
import java.util.Scanner;
class Student 1{
  Scanner sc = new Scanner (system.in)
  String VSN;
  String Name;
  int Credits [] = new int [5];
  float marks [] = new float [5];
  int Points [] = new int [5];
  float SGiPA;
  int total Credits = 0;
  Void get Details ( ){
    System. Out. Println ("Enter Student USN:");
    VSN = SC.next Line ( );
    for (int i=0; i<5; i++){
    System.Out.Println ("Enter CREDITS for Subject"+(i+1)+":");
    Credits [i] = SC.nextInt ( );
    total credits += Credits [i];
    System. Out. Println ("Enter Marks per subject")+(i+1)+": ";
      marks [i] = SC.next float ( );
    }
  }
  Void show details ( ){
      System. Out. Println ("Student Vsn:"+VSN");
      System. Out. println (" Enter Student name:"+Name);
      for (int i=0; i<5; i++)
          {
```

```
System.out.println (" Subject" + (i+1) + _" credits:" + credits [i]+"_
   Marks:" + mark[i]);
  }

System.out.println ("SGPA of" + Name + " is " + (float)(sGPA/total
   credits));
  }
void calc SGPA () {
   for (int i=0; i<5; i++) {
   if (marks [i] >100) {
   System.out.println (" Error: Marks are above 100");
      return;
     }
   else if (marks [i] >= 90) {
        points [i] =10;
     }
   else if (marks [i] >= 80) {
        points [i] =9;
     }
   else if (marks [i] >= 70) {
        points [i] = 8;
     }
   else if (marks [i] >= 60) {
        points [i] = 7;
   else if (marks [i] >= 50) {
        points [i] = 6;
```

```
else if ( marks [i] >= 40) {
     points [i] = 5;
}
else {
    points [i] = 0;
}

SGPA += ( Points [i] * Credits [i] );
}
}
}

Public class student {

    public static Void main (String args []) {
       Student 1 st1 = new Student 1();
       Str 1 .get Details ();
       Str 1 . Calc SGPA ();
       Str 1 . show Details ();

    }

}
```