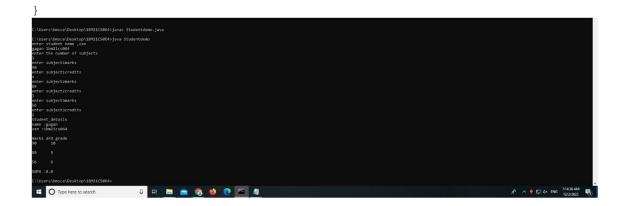
Lab_program2-Develop a Java program to create a class Student with members usn, name,

an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.

```
import java.util.Scanner;
 class Book{
  int num pages;
  double price;
  String name;
 String author;
  Book(){
   num pages=0;
   price=0.0;
   name="some book";
   author="gamana";
  Book (int num pages, double price, String name, String author) {
   this.num pages=num pages;
   this.price=price;
   this.name=name;
   this.author=author;
 void set data(int num pages, double price, String name, String author)
{
      this.num pages=num pages;
      this.price=price;
      this.name=name;
      this.author=author;
 void get data() {
   System.out.println("Book details\nname: "+name+"\nauthor:
"+author+"\nnmber of pages: "+num pages+"\nprice: "+price);
   System.out.println("\n----\n");
 public String toString(){
   return ("Book details\nname: "+name+"\nauthor: "+author+"\nnmber of
pages: "+num pages+"\nprice: "+price+"\n------
--\n");
 }
class lab 2 {
 public static void main(String[] args) {
   Book b1=new Book();
   Scanner s=new Scanner(System.in);
   System.out.print("enter the name of the book: ");
   String name=s.nextLine();
   System.out.print("enter the author's name: ");
   String author=s.nextLine();
   System.out.print("enter the number of pages in the book: ");
   int num pages=s.nextInt();
   System.out.print("enter the price of the book: ");
```

```
double price=s.nextDouble();
System.out.println();
b1.set_data(num_pages,price,name,author);
Book b2=new Book(20,87.65,"deception point","dan brown");
b1.get_data();
b2.get_data();
System.out.println(b1);
System.out.println(b2);
s.close();
```



Lab_program2-Develop a Java program to create a class Student with members usn, name,

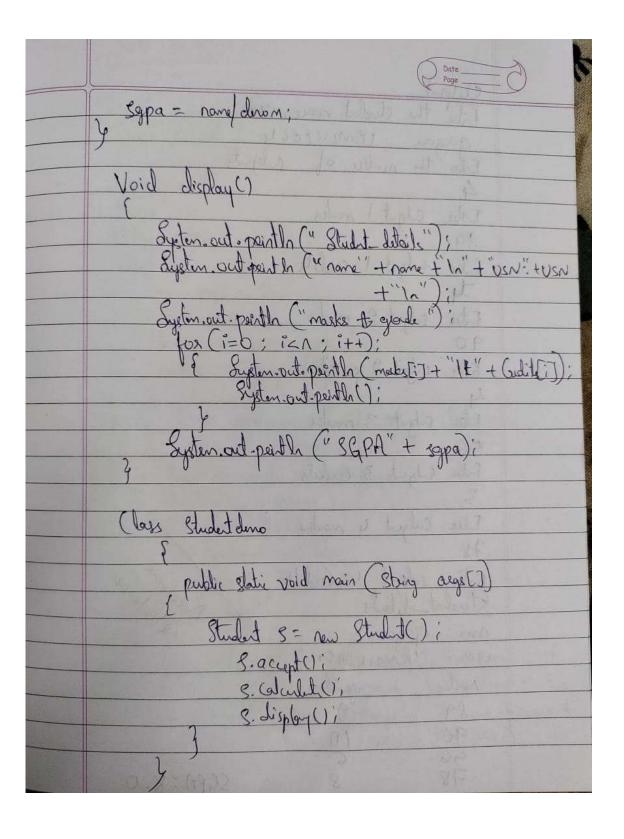
an array credits and an array marks. Include methods to accept and display details and a method to calculate SGPA of a student.

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maske[i] = 8-newt Int();

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Cardita[=] = S. mont Int(); derom += credita[i]; Void calculate() tor (i=o; icn; itt masks[i]>=80 ff masks[i]<90 gradiniste [i] = 8: Jui] (marks[i]>=60 &d marks[i]<70 gradepoints[i]=7; else if (males[i]>=50 44 orasketi]<60) gradepoints[i]=6; ela il Cracke [i] >=40 el 4 mos, lesti] <50 gradepoits[i]=0; nme+= rendits[i] * godponts[i



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