num_pages. Include a constructor to set the values for the members. Include

methods to set and get the details of the objects. Include a toString() method

that could display the complete details of the book. Develop a Java program

```
import java.util.Scanner;
class Student
String name, usn;
int credits[]= new int[20], marks[]= new int[20], gradepoints[]= new
int[20], n, nume=0, denom=0;
double sqpa;
void accept()
   Scanner s=new Scanner(System.in);
   System.out.println("enter student name ,usn");
   name=s.next();
  usn=s.next();
   System.out.println("enter the number of subjects");
   n=s.nextInt();
  for(int i=0;i<n;i++)</pre>
    System.out.println("enter subject"+(i+1)+"marks");
    marks[i]=s.nextInt();
    System.out.println("enter subject"+(i+1)+"credits");
    credits[i]=s.nextInt();
    denom+=credits[i];
  }
  void calculate()
    {
       for(int i=0;i<n;i++)</pre>
              if(marks[i] >= 90)
              gradepoints[i]=10;
              else if (marks[i] >= 80 \&\& marks[i] < 90)
              gradepoints[i]=9;
              else if (\max s[i] \ge 70 \& \max s[i] < 80)
              gradepoints[i]=8;
              else if (marks[i] >= 60 \&\& marks[i] < 70)
              gradepoints[i]=7;
              else if (\max ks[i] >= 50 \&\& \max ks[i] < 60)
               gradepoints[i]=6;
              else if (marks[i] >= 40 \&\& marks[i] < 50)
              gradepoints[i]=4;
              else
               gradepoints[i]=0;
           nume+=credits[i]*gradepoints[i];
       sgpa=nume/denom;
    }
  void display()
     {
```

num_pages. Include a constructor to set the values for the members. Include

methods to set and get the details of the objects. Include a toString() method

that could display the complete details of the book. Develop a Java program

```
System.out.println("Student_details");
System.out.println("name :"+name+"\n"+"usn :"+usn+"\n");
System.out.println("marks and grade");
for(int i=0;i<n;i++)
{
    System.out.println(marks[i]+"\t"+gradepoints[i]);
    System.out.println();
}
System.out.println("SGPA :" +sgpa);
}

class Studentdemo
{
    public static void main(String args[])
    {
        Student s=new Student();
        s.accept();
        s.calculate();
        s.display();
    }
}</pre>
```

```
| Command Principle
| Comm
```

num_pages. Include a constructor to set the values for the members. Include

methods to set and get the details of the objects. Include a toString() method

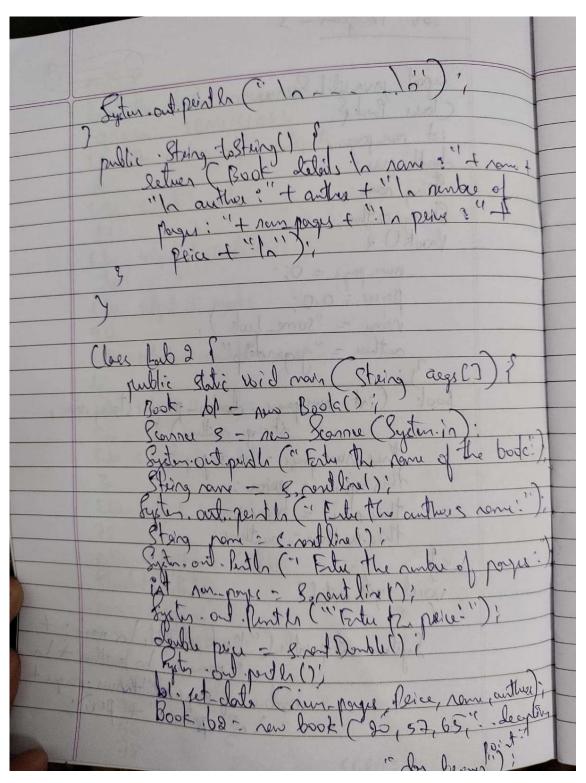
that could display the complete details of the book. Develop a Java program

	Lab Peoglan - 3
	Date Page
	import java. wil. Scanne:
	Class Books
	double paice;
	deing name. It is the of
124	String author;
	100K() & 11/1/4.
	num-page = 0;
	perus = 0.0. nam = "Some back");
	author = "gagandeep"
183(1	Jan
	pook (int numpagy, double-pare, story rane,
	string outline)
Mind	this non-page - nun-page;
	this piece = perion;
1 1 1 1 1 1 1 1 1	this pare = rame,
	the author - author;
- Contract	The state of the s
	wid get-datal)
1	System out pendla (" Dook dilaile In name: +
	name of in author to
	nubs of page: "+ nun: page +
	n pare pare,

num_pages. Include a constructor to set the values for the members. Include

methods to set and get the details of the objects. Include a toString() method

that could display the complete details of the book. Develop a Java program



num_pages. Include a constructor to set the values for the members. Include

methods to set and get the details of the objects. Include a toString() method $\,$

that could display the complete details of the book. Develop a Java program

