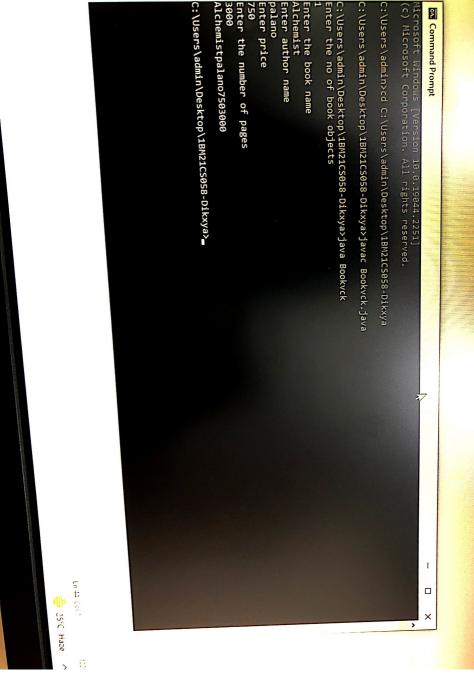
delails of object. Include a losming () method that could als play the compactable of book objects. Program-3 (create a class book which contains name author price num-pages. Include a constructor to set the values for members. Include method to self get the import java util *; import java · lang *; class Book String name, author, int price, num-pages; void getvall) \$ scanner 60 = new scanner (system in); 100 System out printin ("Enter the book name"); name = SC. next 1); System.out. print In I" Enter author name "); author = sc·next(); System.out.println ("Enter price"); Price = sc. next Intl); System.out. print In ("Enter No. of pages"); num-pager = sc . next intl); public string to string () \$ return name + " "+ author + " "+ price + " "+ num - pages + ""; 4 Void display (Book o) ag foredama add total system. out. printinio); not analog to inc class Bookyck

apa	Public static voidmain 1 string args [3)
100	Allthor Delce Euro, page: Include a constructs & co
1.1.1	scanner in = new scanner (system in);
	System. out. print in 1"Enter the no. of book
	objects"); # pool evoj droom
	int n = in · next Int (); 3008 3000
	BOOK [Job = new Book[n];
	fordint 1 = 0; i < n; int +) radua, some name
	ob (1')= new Book(); Clareton Nov
	for (int i = 0; i < 0; i + +)
	& Ob[i]-get-vall); gross cuan = 22 1900002
	for lint i =0, i < 10 yirt +) altaing two metals
	\$ 06 [1] · display (06 [1]) ; \$ 20 . 30 = 0 mon
	Sychemout print 11 Coter outher pame 2
	3 :() txaa - >= rodtus
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details and a method to calculate sqPA of a student. Develop a Java program to create a class student with members uso, name anarray credits and an array marks. Include methods to accept and display import java. util . Scanner; class student § void display (string name, string usn) System out print In L" USN of the student"+ usn); ystem out print in ("Name of the student" + name); Void calculate sgpa (double [] marks, double [] credity, int number) double grade points [] = newdouble [number];
double apa, sum = 0; for linti=0; i<number; i++) if (marks [i] >=90) gradepoints [i] = 10; d to sular 1910 else if (marks [i] >= 80) grade points [i] =9; else if (marks [i]>= 70) grade point [i]=8; else if (marks[i]>=60) grade points [i] = 7; else if (marks[i]>=50) grade points [i]=6; else if (marks [i]>= 90) gradepoint [i]=4; gradepoints [i]=0;



```
for (int i= 0; i < numbe; i++)
Sum+ = Credits [i] * gradepoink [i];
for (inti=0; i < number; i++) an sman into
tnum + = credits [i];
Sapa = sum / tnum;
System. out. print In ("SGPA is" + Sgpa);
class sapas
public static void main istring args [ ]) &
'Scanner & = new scanner (system in);
system out print in 1 "Enter name and usnof student");
String name = S. next ();
String usn = s · next();
Student SI = newstudenti ); 1996 ht 2 904 to 1420
System. out. print In!" Enter the number of courses");
Int number: s. next Int 13; 35 PIS. 27 MARS
double uedits []: new double [number ];
double marks [] = new double [number];
for lint i=0; i < number; i++)
System. out . print ("credit of subject"+ (i+1)+":");
credits [i] = s. next Double ();
System.out. print ("Marks of subject "+ (1+1)+":");
marks [i] = S. next Double 1):
SI · display (name, usn);
```

	SI. calculatesgpa (marks, credits, number);
	3 P++1 admin x : in = i tall act
	2
	Sunt = Gredita [is a gradepoint [is]
	Output.
	Enter name and usn of students
	Dikshya IBM21C6058
	: EIT 741 par) = + conun;
	Enter the number of courses
	Sapa = Sum toum :
	credits of subject 11:4" of taing two matrix
k.	Mark of subject 1: 82
	credit of subject 2: 3
	Mark of subject 2: 79 3 0002 2200
	cradit latesubject 3: 3 pm blov addis aldud
	Mark of subject 3: 870 2 were 2 regarde
dent"):	credition foundiect 9:41 altang. tom markey.
	Marks of subject 4: 661 yan . 2 = amon paints
	Shing usn : s next();
	USN of the student (1BM21000BB) 12-1994112
· (",a;	Name of the student Dikshyam In make 12
	SGPA I'S 8.214 2857. 101 12000/ 13 down 301
	Alle of the second of the seco
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. (" . 1	entil + training to than 1 toing time motified
	credite [13 : s-next Music [1]
. (11 : 11	folistem out print !" Manso jourged " tretter
	marks 117 = 3 - next boulle ().
	1,5
	61 · display loame, usp);

