	Date Page
5	Details of a Book 3-
-	
	import jara. util. Scanner ;
	clais Book &
	String rame;
	String auth;
	float pri
	int num-p;
	voice set details () of
	Scanner Sc = new Scanner (System.in)
	System. Out. println ("Enter details of book") + (i11)+
	in name, auth, pr, num pages order");
	name = in, next();
	cuth = in.next();
	pr = (n. nextlnt(); bla and based
	neum-pages = in. next 2nt ();
	9.
	Joseph Control () f
	public String bostring () f return Details of Book "+ (i11)+" \n' 7
	Name: "t name + " n " t.
	Auth = " + author + " \n" t.
	price = " + pr +." n" 7.
	No. of gage = + num-pages; }.
,	3
	clas Main f (String[) args) {
	Class Main { public Static void main (String[) args) {
	int n; (Surtem, in)
	Beanner n = new Scanner (System.in)
	a subject of the subj
	Books b() = new Books (n);
	1/00 SL)

for (inti=0; i'(n; j=1) f

b[i]: rew Books ();

b[i]: set [i);

g

(yetum out println ();

for (int i=0; ien; i=1)

System, out println (b[i]. tstring());

g

3

3

		St Date_	URYA Gold
	Algerithm for 1st prog!		350
(Start		
2	Input n) ; ; , , ,	
5.	Create book array	- 111	1 4
4.	Create foop the accept book delais		
5.	Create loop to accept book delais	1 19	
6.	Stop		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	V		

7	Enty the no. of books: 2
	Enty rany:
	df
	Entir author
	off granden .
	Enter price:
	800

```
C:\Users\abdes\OneDrive\Documents\Java>javac java_code/D.java
C:\Users\abdes\OneDrive\Documents\Java>java java_code.D
Anagh.B.Deshpande(1BM22CS037)
Enter number of books
2
Enter details of books 1 in name,author,price,num_pages order
dff
dff
80
67
Enter details of books 2 in name,author,price,num_pages order
kfdf
abc
700
90
Details of Book 1
Name: dff
Author: dff
Price: 80
No of pages: 67
Details of Book 1
Name: kfdf
Author: abc
Price: 700
No of pages: 90
```

C:\Users\abdes\OneDrive\Documents\Java>

4. Java Pregram to calculate area input java setil. * abeliant class shape double a b) abeliast void printing(); class brings extends shape of 1° void geldate (double & double y) (arx; brg.) world printaria ()/ and ana /0.5 + a + 6; System and printle ("one of briangle - "+ area). class rectangle extends stope (. ... void getdata (double x double y). darx, bryi) double area : a = b;

Date Page
System out println (" de
System out println (" Ann of rectangle > " + area)
class circle extends ishaped
void geldata (double x)
$\{a:x\}$
void printaria ()
d'double area = 3.142 + a+a;
System out so the take;
System out, printly (" KARR of Circle = " + area);
y and
· · · · · · · · · · · · · · · · · · ·
class abstracta of public static word
main (String args[])
of the chi
stage si;
Scanner 30: new Scanner (Ryslem in);
rectangle or = new rectangle ();
briangh & = new Priangh ();
circle c - new circle();
System. out. puritle ("1. Aria of rectange, In 2. Area
of Carlo n. Enger chaici);
Switch (in)
1 can 1:
double 1: St. next Double ();
double b = sc. next Double ();
F. getdata (1,5):
r. printarca ();
break;
Can ?
double b) = Sc. next Double ();
double h > St. next Double ();
t. getdata (b1, h);

t. printarea (); break; case 3: :double 91 = Sc. next Double (); c. gudata (81); (printava () brunk; default system out println ("Invalid") 4. Output 4: Enter the radius of circle area of circl is 12.56 Enter length & breadth of rectangle ana of rectange 20 Enter borse & neight of triangle 2 once of triangle 5

	Ar Algorillian of 2 rd prog:
	3 21 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Start
2.	Create clas Rectangle, Triangle, Circle, extending shope
3.	Curte combrustor for each clan & method to
	printara
4.	printona method i posterse me formula to calculate
	area & return at
5.	Stop
100	
	The state of the s

```
C:\Users\abdes\OneDrive\Documents\Java>javac java_code/Main.java
C:\Users\abdes\OneDrive\Documents\Java>java java_code.MAin
Error: Could not find or load main class java_code.MAin
Caused by: java.lang.NoClassDefFoundError: java_code/MAin (wrong name: java_code/Main)
C:\Users\abdes\OneDrive\Documents\Java>java java_code.Main
Anagh.B.Deshpande(1BM22CS037)
Enter length of Rectangle: 5
Enter width of Rectangle: 4
Enter base of Triangle: 2
Enter height of Triangle: 5
Enter radius of Circle: 2
Area of Rectangle: 20
Area of Triangle: 5.0
Area of Circle: 12.566370614359172
```