3/1/24	
	LAB PROGRAM-3
	BOOK OBJECTS
	and the second of the second of the second
	Centra class Book that contains four members;
	name, author, price, and num-pages.
	Include a constitution to set the values for the
	large the la methods to let and chot
	details of objects. Include a to Iting () method that could display the complete details of The
	that could display the complete details of the
-	Book.
	Develop a join program to seate in book objects
A ·	PROGRAM:
	Market Color
- Agent	import java. retil . Scanner;
	1 7 1.
	class Books
	2
	String name, author; Lint piùe, num-pagus;
	sm flue, num-pages,
	Radio (oto in and oto in the six in the
	Books (Stery name, Stry author, int price, int num page)
	His name & name ?
	this . cutton = author;
	this-price = price;
	Itis . neur-payer num-payer;
A Louis	7 2P. H. 45 10 1
	Seanner input 2 new Seanner (System, in)
	They was
	Books () // Default constructor
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

	void accept ()
	Secretary of the secret
	System out print ("Intu name of book: ");
7	name = input : next like ();
	System- out: perit ("Intu name of author:");
70	author = input ( next fine ();
122	lyten out pent ("Inter pine of book: ");
	plice input · nest Int ();
	lysten - out . pent ("Intu no of page in the book:");
5	typen - Out from 1 men no . of frage in in voor. I,
244	num-page = input next Int ();
1 44 M	lysten out print ("\n");
•	P A Latera P
- p-4	
	public String to String()
	1
	Sterry name, author; int piùe, nun-pages;
	name = "Book name!" + this name + "\n"
	author = "Authorname: " + this author + " n";
77 -	prine = "Price:" + this-price + " Rs \n"!  num-page = "Number of page:" + this: num-pages + pages + pa
	rum-page = "Number of pages!" + this: num-pages + pages +
· (F	at the set to the set to
37	return name + author + price + num-pages;
£	72
1	The house the state of the file
The same	class Book Run
	5
	public tatie void main (string [] args)
	S 1 Mar 1 Ma
	Skanner input = new Scanner (System. in);
	System out pent ("Inter number of books:");
	int n = input next Int ();
	lyctem out print ("\n"):
	Land the same of t
K-	the same of firement the bound of the con-

```
Books [] book = new Books [n];
            for (int i=0; i <n; i++)
                  3 System out printh ("Book" + (i+1) + "!")
                           book[i] = new Books();
                                   book[i]accept ();
           for (int i=0; i <n; i+t)
                     System · out · printtn ("Book" + (i+1) + "! \n"
                                                                                                       + book[i] + "\n"),
       input, close ();
       Inter number of books: 2
        Lite rame of book! Harry Potter and The Charles
bute name of author: J. K. Rowling bute pine of the book: 418
  Inter no of pays in the book: 341
 Inter pane of book : Adventures of Vibinin Noother
 Inter some of author? Charan & Thoran &
  Inte no of page in the book ! 250
```



And the party of the Party	
	Book L:
	Book name: Havy Potter and The Chamber of Soute
123	Book name: Hary Potter and The Chamber of Secrets Author name: J. K. Rowling
11. 4	Price: 418 Rs
" " A V	Number of page : 341 pages
	Book 2:
36 7	Book name: Advertury of Vibin Noothon
14	Author rame: Charan 9
A 100	Price: 300 Rs
	Number of pages : 250 pages
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```
import java.util.Scanner;
class Books
{
String name, author;
int price,num_pages;
Books(String name, String author, int price, int num_pages)
{
this.name=name;
this.author=author;
this.price=price;
this.num_pages=num_pages;
}
Scanner input=new Scanner(System.in);
Books(){}
void accept()
{
System.out.print("Enter name of book: ");
name=input.nextLine();
System.out.print("Enter name of author: ");
author=input.nextLine();
System.out.print("Enter price of the book: ");
price=input.nextInt();
System.out.print("Enter no. of pages in the book: ");
num_pages=input.nextInt();
System.out.print("\n");
}
```

```
public String toString()
{
String name, author, price, num_pages;
name="Book name: " + this.name + "\n";
author="Author name: " + this.author + "\n";
price="Price: " + this.price + " Rs\n";
num_pages="Number of pages: " + this.num_pages + " pages\n";
return name + author + price + num_pages;
}
}
class BookRun
{
public static void main(String[] args)
{
Scanner input=new Scanner(System.in);
System.out.print("Enter number of books: ");
int n=input.nextInt();
System.out.print("\n");
Books[] book=new Books[n];
for(int i=0;i<n;i++)
{
System.out.println("Book " + (i+1) + ": ");
book[i]=new Books();
book[i].accept();
}
```

```
for(int i=0;i<n;i++)
{
System.out.println("Book " + (i+1) + ":\n" + book[i] + "\n");
}
input.close();
}
}
Output:
Enter number of books: 2
Book 1:
Enter name of book: Harry Potter and The Chamber of Secrets
Enter name of author: J. K. Rowling
Enter price of the book: 418
Enter no. of pages in the book: 341
Book 2:
Enter name of book: Adventures of Vibinn Noothan
Enter name of author: Charan G
Enter price of the book: 300
Enter no. of pages in the book: 250
Book 1:
Book name: Harry Potter and The Chamber of Secrets
Author name: J. K. Rowling
```

Price: 418 Rs

Number of pages: 341 pages

Book 2:

Book name: Adventures of Vibinn Noothan

Author name: Charan G

Price: 300 Rs

Number of pages: 250 pages