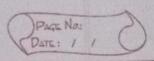


Create a class book which contains 4 members name, author, price, num pg Include a constructor to set values of mentals methods to set and get the details of the objects Inchede a to String U method that could display the complete details of the book Develop a program to creak n books objects. import java util Scanner; class book String name; Strong auth; int pg-no; book (String name string outh, ent price, int this price - price; this . pg no = pg no; public offing to String () {

Lak 03 String brook Details = "Book name" + this auth + " and the Paice of the place price + " this); return book Datats to & baston Up sel 2 st 10 display the complete details of he book. public class Main ? public static word main (String args [] { Scorner s = new Scorner (system.in); int n = s. hext Lind (); Book [] Looks = New Book [n]; for(int i = 0; i < n; i++) { System out prouth (" Enter details for book System out print (" Name: "); System out print (Revice: ");

System out print (" Number of pages
int pg num = s. next Tut();



CDATE: / /
(soote [i] = need Book (name, aut, price, pg-uo): { System out printles ("Details of the (roots") for (i=0; i< n; i++): System out pointles ("Book" + (i+1)+", \u")
+ books [1], so string ()."); }
3
Output
Enter the namber of books: 2
Bt Book : 1
Name: Enagon
Author: Cheux topher
Pg-No: 2050
Paria: 450
Book ! 2
Name: Brisings
Acithos: Pam
Pg-No: 2100
Price 2 500
Betails of the books:
Book 1 Name: Esagon Author: Christopher
Author: Christopher
Py-No. 2050

-	0. 450	-
	Pouce: 450	
	Raviolance	
	Book 2: Name: Bousinge	
	Mithia: Pam	
	Pg-Na: \$32100 Price: 500	
	rg-Na Carrio	
	Price: 500	
		1
100	The state of the s	
		1
	a subject of the subj	
	0.35	_
		_
		_
		1

```
C:\Users\Languagr lab 22\Desktop\NEWWW>java Main
Enter the number of books: 2
Enter details for Book 1
Name: eragon
Author: harson
Price: 450
Number of pages: 280
Enter details for Book 2
Name: brisimgr
Author: nidhi
Price: 375
Number of pages: 350

Code:
importjava.util.Scanner;
```

```
class Book {
  String name;
  String author;
  int numPages;
  int price;
  Book(String name, String author, int price, int numPages) {
    this.name = name;
    this.author = author; // Added missing semicolon
    this.price = price;
    this.numPages = numPages;
  }
  public String toString() {
    String bookDetails = "Book name:" + this.name + "\n" + "Author name:" + this.author + "\n" +
"Price:" + this.price
        + "\n" + "Number of pages: " + this.numPages + "\n";
```

```
return bookDetails;
  }
}
public class Main {
  public static void main(String args[]) {
    Scanner s = new Scanner(System.in);
    System.out.print("Enter the number of books: ");
    int n = s.nextInt();
    Book[] books = new Book[n];
    for (int i = 0; i < n; i++) {
       System.out.println("Enter details for Book " + (i + 1));
       System.out.print("Name: ");
       String name = s.next();
       System.out.print("Author: ");
       String author = s.next();
       System.out.print("Price: ");
       int price = s.nextInt();
       System.out.print("Number of pages: ");
       int numPages = s.nextInt();
       books[i] = new Book(name, author, price, numPages);
    }
    System.out.println("\nDetails of the books:");
    for (int i = 0; i < n; i++) {
      System.out.println("Book " + (i + 1) + ":\n" + books[i].toString());
    }
  }}
```