15/10/24

members: name, author, price, nem Pages Indude a constructor to set the value for the members:

Include methods to set and get the details of the objects Include a tostring () method that displays the complete details of the book.

Develop a fara program to create in objects

## Program:

ingost java util Scanner

private String name; private String Anthor; private double price; private int numlages;

public Book (Skring name, String author, double
price, int numlages)

this name = name;

this author = author;

this price = price;

this numbages = numbages;

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Date: 448-4 public get Name () return name; Milliode methods to see 5 public String get Author () Deplayed the complete setuen authos; Bogson: public double getfrice () return price; Public int getnumPages () return num Pages; public void set Name (String name) this name = name; pulalic void set Author (String author) 3 this author = author; public void set Price (double price) 3 this price = price;

public void set Num Pages (int num Pages) this numpages = numpages: public String to String () setuen "Book Details In" + "Name: " + name + " | n" + "Authos . " + author + " | n" + "Price: "+ price + "In" + "Number of pages:" + num Pages + "In"; Public class Main public static void Main (String [] args) Scanner Sc = new Scanner (System in); System. out. psintln [" Enter the number of books: "): int n = Sc. next Int (); sc. nextline (); Book (3 books = new Book [n]; for (int i=0; i <n; i++) System-out printle (" Book Details: "); System. out. println (" Book Name: "): stringname = sc nexthine ():

System out println (" Author & name = "); string author = sc. next Line(); System. but Println (" Book's price: "); double price = SC. next Double (); System. out println (1 Namber of pages: 11). Int numPages = SC · next Int (); b Books [i] = new Book (name, author, price, numlage 3400 + " ROBLA" + "W/" + 2NVDW+ System out print les [" Détails of all books: "). for (Book book: books) System. out-println (book);

Microsoft Windows [Version 10.0.22000.2538] (c) Microsoft Corporation. All rights reserved.

C:\Users\Admin\Downloads>javac Main.java

C:\Users\Admin\Downloads>java Main Enter the number of books: 2

Enter details for book 1: Enter book name: black beauty Enter author name: richard

Enter price: 350

Enter number of pages: 300

Enter details for book 2: Enter book name: harry potter Enter author name: sam

Enter price: 450

Enter number of pages: 400

Details of all books:

Dharunya -1BM23CS090 Book Name: black beauty

Price:350.0

Number of Pages: 300

Dharunya -1BM23CS090 Book Name: harry potter

Price:450.0

Number of Pages: 400

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