Lab Program 3

Create a class Book which contains four members: name, author, price, num_pages. Include a constructor to set the values for the members. Include methods to set and get the details of the objects. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

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price -sc. nextent (), rent Double (); System out frintln ("Enter the number of pages of the book"); & nentant (); void to String () public String to String () System. out. frieth ("Name of the Book: "+ String S = "Nance of the book: "+name +" \ Buthor of the book: " + author +" \n The Price the book: " + price +" \n Number of pages the book: " + num pages; return s; void main (String args[]) Scanner sc= new Scanner (System.in);
System out faintly ("Enter the number of Books");
int n = Sc. newtout ();
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for (int i=0; i<n; i+t) b[i]= new Book(); System. out. frintln ("Enter Book" + (i+1)+") Letacls"); bliJ.get (); for (int i=0; i<n:i++ Duthut: Enterthenumber of Books Enter Book 1 Setails Enter the name of the Book 500 300 Entes Book 2 Letails Enter the Name of the Book JavaProgrammy

	Enter the Author of the Book Deeksha
	Deeksha
	Enter the price of the book
	1000
	Enter the number of pages of the book
	1000
	Book 1:
	Name of the book: ZudianStory
	Author of the book : Bimal
	The Price of the book: 500.0
	Number of pages of the book: 300
	BOOK 2:
	Name of the book: Jova Programming
	Author of the book: Delksha
	The Price of the book: 501000.0
	Number of pages of the book: 1000
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#	

Output:

Command Prompt

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Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.
C:\Users\bmsce>cd C:\Users\bmsce\Desktop\1BM21CS048\00J lab
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>set path="C:\Program Files\Java\jdk-9.0.1\bin"
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>javac Prog3.java
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>java Main3
Enter the number of Books
Enter Book 1 details
Enter the Name of the book
IndianStory
Enter the Author of the book
Bimal
Enter the Price of the book
Enter the Number of pages of the book
300
Enter Book 2 details
Enter the Name of the book
JavaProgramming
Enter the Author of the book
Deeksha
Enter the Price of the book
1000
Enter the Number of pages of the book
1000
Book 1 :
Name of the book : IndianStory
Author of the book : Bimal
The Price of the book : 500.0
Number of pages of the book : 300
Book 2:
Name of the book : JavaProgramming
Author of the book : Deeksha
The Price of the book : 1000.0
Number of pages of the book : 1000
C:\Users\bmsce\Desktop\1BM21CS048\00J lab>
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