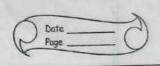
3) Create a class Book which contains four members: name, author, price, num_pages. Include a constructor to set the values for the members. Include methods to set and get the details of the objects. Include a toString() method that could display the complete details of the book. Develop a Java program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

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create a class which contain member nam
author, price numpage, enclude a sette constructo
a setter and agetter include a to string method
WAJP to create n book objects
Closs Book !
private string name;
private String author
private double price;
private int numpages;
The second secon
public Book (Stringname, String author,
double price, int numbages)
7-11-
1 this name = name: +(+1)+
this = neutro; = author)
this paris = parice;
this numpages = numpages;
public void setter (String name, String autor,
double paice, but num pages !
this name = name
this author = Author
this price = price;
this - numpages = nempages;
3
public string a gettos ()?
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=	
	public String to string ()
	greturn " Book Name: "+ name + " . Author?"+
	anthor +", price : etis" + price + ", pages - "+
	nunpages
	3 10
	1.
	public Class Bookmaint
	public Static void main (String [] angs)
	Scanner 80 = new Scanner (Systmin);
	system out-paint [n(" Enter no of books");
	Prt D = SX next Int();
-	The NE SALE PROPERTY AND A SALE PARTY OF THE SAL
-	Brook[] books = new Brook[n];
	Dookl J soors
	forcent i=0', i'cn', it+)}
-	
-	System-out-println(" Enter Name, author, price,
	no of pagesi); « String name = sx.noxtline(); « String name = sx.noxtline();
	String name author = S x. next line();
	double price = Sx. next Double();
-	double price = (V. Dex + I at():
4	int numpages = sx. nextInt();
	bookstil = new Bookt name, author, perice,
	1
	System. out. paintin (books[i].getter(1);
	System out paints (Books
	9
	sx.close();
	3
]

T

Enter the no of books R Enter details por Bbook 1: Name: sujan Author: ge plice: 3 Number of pages: 12 Book name: Sujan, Authorige, Paice: 153 0, pages: 12 2 man 2 months 2 Enter details por & Book 2 Name: drama Author: sughosh price: 240

```
import java.util.Scanner;
class Book {
  private String name;
  private String author;
  private double price;
  private int numPages;
  public Book(String name, String author, double price, int numPages) {
     this.name = name;
     this.author = author;
     this.price = price;
     this.numPages = numPages;
  public void setDetails(String name, String author, double price, int numPages) {
     this.name = name;
     this.author = author;
     this.price = price;
     this.numPages = numPages;
  public String getDetails() {
    return toString();
  }
  public String toString() {
    return "Book Name: " + name + ", Author: " + author + ", Price: rs" + price + ", Pages: " + numPages;
}
public class Bookmain {
```

```
public static void main(String[] args) {
  Scanner scanner = new Scanner(System.in);
  System.out.print("Enter number of books: ");
  int n = scanner.nextInt();
  scanner.nextLine();
  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 = scanner.nextLine();
     System.out.print("Author: ");
     String author = scanner.nextLine();
     System.out.print("Price: ");
     double price = scanner.nextDouble();
     System.out.print("Number of Pages: ");
    int numPages = scanner.nextInt();
     scanner.nextLine();
    books[i] = new Book(name, author, price, numPages);
    System.out.println(books[i].getDetails());
  }
  scanner.close();
```

}

C:\Users\hp\Desktop\java>javac Bookmain.java

C:\Users\hp\Desktop\java>java Bookmain

Enter number of books: 2 Enter details for book 1: Name: Atomoic Habits

Author: James Clear Price: 349

Number of Pages: 208

Book Name: Atomoic Habits, Author: James Clear, Price: rs349.0, Pages: 208

Enter details for book 2:

Name: The Alchemist Author: Paulo Coelho

Price: 262

Number of Pages: 409

Book Name: The Alchemist, Author: Paulo Coelho, Price: rs262.0, Pages: 409

C:\Users\hp\Desktop\java>