Q. Write a program using appropriate methods and classes to describe the details of a book.

```java
import java.util.Scanner;
class Book {
    String name, author;
    double price;
    int no.Page;
    Book(String name, String author, double price, int noPage) {
        this.name = name;
        this.author = author;
        this.price = price;
        this.nopage = nopage; }
    void setDetails() {
        Scanner sc = new Scanner(System.in)
        S.o.p("Enter name of book: ");
        name = sc.textnext();
        s.o.p("Enter author name: ");
        author = sc.next();
        s.o.p("Enter price: ");
        price = sc.nextInt(); Double();
        s.o.p("Enter noumber of pages: ");
        nopages = sc.nextInt(); }
    void getDetails() {
        s.o.p("Name of book: " + name);
        s.o.p("Author of book: " + author);
        s.o.p("Price of book: " + price);
        s.o.p("Number of pages: " + noPages); }
    public String toString() {
        return "Book name: " + name + "\n" + "Author: " + author + "\n"
            + "Price:" + price + "\n" + "No. of pages:" + noPages + "\n";}
}

Class MyBook {
    psvm(String[] args)
    {
        Scanner sc = new Scanner(System.in);
```

```java
        s.o.p. ("Enter number of books:");
        int n = sc.nextInt();
        Book[] books = new Book[n];
        for (int i=0; i<n; i++) {
            books[i] = new Book();
            books[i].setDetails();
            books[i].getDetails();
        }

        s.o.p ("\n All Book Details:");
        for (Book book : books) {
            s.o.p. (book); }
        }
    }
```

output:
Enter number of books: 1
Enter details for book 1
Enter name of book: One Indian Girl
Enter author name: Chetan Bhagat
Enter price of book: 400
Enter number of pages: 350
Name of book: One Indian Girl
Author: Chetan Bhagat
Price: 400.0
Number of pages: 350
All book details:
Book name: One Indian Girl
Author: Chetan Bhagat
Price: 400.0
Number of pages: 350

```
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C:\317>javac MyBook.java

C:\317>java MyBook
Enter number of books:
2
Enter details for book 1
Enter name of book:
Atomic Habits
Enter author name:
James Clear
Enter price of book:
400
Enter number of pages:
350
Name of book: Atomic Habits
Author: James Clear
Price: 400.0
Number of pages: 350
Enter details for book 2
Enter name of book:
Twilight
Enter author name:
Stephenie Mayer
Enter price of book:
1000
Enter number of pages:
900
Name of book: Twilight
Author: Stephenie Mayer
Price: 1000.0
Number of pages: 900
All book details:
Book name: Atomic Habits
Author: James Clear
Price: 400.0
Number of pages: 350

Book name: Twilight
Author: Stephenie Mayer
Price: 1000.0
Number of pages: 900


C:\317>
```