

```
import java.util.Scanner;

class Book {
    String name, author;
    double price;
    int num_pages;

    // Constructor
    Book(String name, String author, double price, int num_pages) {
        this.name = name;
        this.author = author;
        this.price = price;
        this.num_pages = num_pages;
    }

    // Method to set book details
    void setDetails() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the name of the book:");
        name = sc.nextLine();
        System.out.println("Enter name of the Author: ");
        author = sc.nextLine();
        System.out.println("Enter price of the book: ");
        price = sc.nextDouble();
        System.out.println("Enter the number of pages: ");
        num_pages = sc.nextInt();
    }

    // Method to get book details
    void getDetails() {
        System.out.println("Name of Book: " + name);
        System.out.println("Name of Author: " + author);
        System.out.println("Price: " + price);
        System.out.println("Number of Pages: " + num_pages);
    }
}
```

```
// Display method (returning string)
String Display() {
    return "Book Name: " + name + ", Author: " + author + ", Price: " + price + ",
No. of Pages: " + num_pages;
}
}
```

```
class Library {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the number of books:");
        int n = sc.nextInt();
        sc.nextLine();
        Book[] books = new Book[n];
        for (int i = 0; i < n; i++) {
            books[i] = new Book("", "", 0, 0);
            books[i].setDetails();
        }
        for (int i = 0; i < n; i++) {
            books[i].getDetails();
        }
    }
}
```

Enter the number of books:

2

Enter the name of the book:

Charlie and the Chocolate Factory

Enter name of the Author:

Roald Dahl

Enter price of the book:

450

Enter the number of pages:

200

Enter the name of the book:

Data Structures

Enter name of the Author:

Remma Thareja

Enter price of the book:

260

Enter the number of pages:

450

Name of Book: Charlie and the Chocolate Factory

Name of Author: Roald Dahl

Price: 450.0

Number of Pages: 200

Name of Book: Data Structures

Name of Author: Remma Thareja

Price: 260.0

Number of Pages: 450