

```
import java.util.Scanner;
```

```
class Book {
```

```
    String name, author;
```

```
    double price;
```

```
    int num_pages;
```

```
    Book(String name, String author, double price, int num_pages) {
```

```
        this.name = name;
```

```
        this.author = author;
```

```
        this.price = price;
```

```
        this.num_pages = num_pages;
```

```
    }
```

```
    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();
```

```
    }
```

```
    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);
```

```
    }
```

```
    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

```