

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

```
class Book{
```

```
    String name, author;
```

```
    float price;
```

```
    int num_pages;
```

```
    void setDetails(){
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println(x:"Enter the name of the book: ");
```

```
        name = sc.next();
```

```
        System.out.println(x:"Enter the name of the author: ");
```

```
        author = sc.next();
```

```
        System.out.println(x:"Enter the price of the book: ");
```

```
        price = sc.nextFloat();
```

```
        System.out.println(x:"Enter the num of pages: ");
```

```
        num_pages = sc.nextInt();
```

```
    }
```

```
    void getDetails(){
```

```
        System.out.println("Name of the book: " + name);
```

```
        System.out.println("Name of the author: " + author);
```

```
        System.out.println("Price of the book: " + price);
```

```
        System.out.println("Number of pages: " + num_pages);
```

```
    }
```

```
    public String toString(){
        return "Book Name: " + name + " Author Name: " + author + " Price: " + price + " Number Of Pages: " + num_page
    }
}

public class LabProgram3 {
    Run | Debug
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println(x:"Enter the 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();
        }

        for(int i=0; i<n; i++){
            books[i].getDetails();
        }
    }
}
```

Activate Windows

Enter the number of books:

2

Enter the name of the book:

1984

Enter the name of the author:

Anthony

Enter the price of the book:

400

Enter the num of pages:

200

Enter the name of the book:

MockingBird

Enter the name of the author:

Harper

Enter the price of the book:

500

Enter the num of pages:

150

Name of the book: 1984

Name of the author: Anthony

Price of the book: 400.0

Number of pages: 200

Name of the book: MockingBird

Name of the author: Harper

Price of the book: 500.0

Number of pages: 150