

Lab Program 3

```
import java.util.*;
```

```
class Book {
```

```
    String name, author;
```

```
    int price, num-pages;
```

```
    Book () {
```

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

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

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

```
        this.num-pages = num-pages;
```

```
    }
```

```
    void input () {
```

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

```
        System.out.println("Enter name of Book");
```

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

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

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

```
        System.out.println("Enter price");
```

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

```
        System.out.println("Enter pages");
```

```
        num-pages = sc.nextInt();
```

```
    }
```

```
public toString() {
```

```
    return ("Book Name: " + name + "\n Author: " +  
            author + "\n Price: " + price + "\n  
            No of pages " + num-pages);
```

```
}
```

```
}
```

call

```
class BookMain {
```

```
    public static void main (String[] args) {
```

```
        int n;
```

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

```
        System.out.println("Enter no. of books");
```

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

```
        Book[] b = new Book [n];
```

```
        for (int i=0; i<n; i++) {
```

```
            b[i] = new Book();
```

```
            b[i].input();
```

```
        }
```

```
        for (int i=0; i<n; i++) {
```

```
            System.out.println(b[i]);
```

```
        }
```

```
    }
```

```
}
```

```
Enter name of Book
Book2
Enter name of author
Nikhil
Enter number of pages of
13124
Enter Price
234325
Book Name: Book1
Author: Nikhil
Price: 234
Pages: 123
Book Name: Book2
Author: Nikhil
Price: 234325
Pages: 13124
nikhilabraham ~/dev/oobj-lab/Week5_LabProgram5
$
```