

```
1 import java.util.Scanner;
2
3 class book
4 {
5     String name;
6     private String author;
7     private double price;
8     private int numPages;
9     Scanner get = new Scanner(System.in);
10
11    book(int n)
12    {
13        System.out.printf("\n Enter The Name Of the Book (%d) : ",n);
14        name=get.nextLine();
15        price=0;
16        numPages=0;
17        author=<Not SET>;
18    }
19
20    void getBookInfo(int n)
21    {
22        System.out.printf("\n Enter The Details of Book: (%d) :\n Book Name :%s",n,this.name);
23        System.out.print("\n Author: "); author=get.nextLine();
24        System.out.print(" No.Of Pages: "); numPages=get.nextInt();
25        System.out.print(" Price: "); price=get.nextDouble();
26    }
27
28    String toString(int n)
29    {
30
31        return("\n <----Book "+n+"d Details---->\n Book Name:"+name+"\n Author: "+author+"\n No.Of Pages: "+numPages+"\n Price: "+price);
32    }
33}
34}
35
36 class bookMain
37 {
```

```
37    {
38
39    public static void main(String[] args)
40    {
41        int n;
42        book b[];
43        Scanner get = new Scanner(System.in);
44        System.out.print("\nEnter The Number of Books: "); n=get.nextInt();
45        b=new book[n];
46        for (int i=0;i<n ;i++ )
47            b[i]=new book(i+1);
48        for (int i=0;i<n ;i++ )
49            b[i].getBookInfo(i+1);
50        System.out.println("\n\t<---All Books Detail---->");
51        for (int i=0;i<n ;i++ )
52            System.out.println(b[i].toString(i+1));
53
54    }
55}
56 }
```

```
Enter The Number of Books: 2
```

```
Enter The Name Of the Book (1) : dataStructures
```

```
Enter The Name Of the Book (2) : objectOrientedJava
```

```
Enter The Details of Book: (1) :
```

```
Book Name :dataStructures
```

```
Author: A R Persey
```

```
No.Of Pages: 689
```

```
Price: 455.99
```

```
Enter The Details of Book: (2) :
```

```
Book Name :objectOrientedJava
```

```
Author: Schildt
```

```
No.Of Pages: 1120
```

```
Price: 699.78
```

```
<----All Books Detail----->
```

```
<----Book 1d Details----->
```

```
Book Name:dataStructures
```

```
Author: A R Persey
```

```
No.Of Pages: 689
```

```
Price: 455.99
```

```
<----Book 2d Details----->
```

```
Book Name:objectOrientedJava
```

```
Author: Schildt
```

```
No.Of Pages: 1120
```

```
Price: 699.78
```