

```

1  import java.util.Scanner;
2
3  class Book{
4      private String name,author;
5      private double price;
6      private int num_pages;
7
8      Book(){
9          this.name = "";
10         this.author = "";
11         this.price = 0.0;
12         this.num_pages = 0;
13     }
14
15     public void setName(String n){
16         this.name = n;
17     }
18     public void setAuthor(String a){
19         this.author = a;
20     }
21     public void setPrice(double p){
22         this.price = p;
23     }
24     public void setPages(int q){
25         this.num_pages = q;
26     }
27
28     public String toString(){
29
30         return "Name: " + this.name + " Author:" + this.author + " Price:" + this.price + " No. of Pages:" + this.num_pages;
31     }
32
33     public String getName(){
34         return this.name;
35     }
36
37     public String getAuthor(){
38         return this.author;
39     }
40
41     public double getPrice(){
42
43         return this.price;
44     }
45
46     public int getPages(){
47         return this.num_pages;
48     }
49
50     public static void main(String args[]){
51         int n;
52         Scanner sc = new Scanner(System.in);
53         System.out.print("How may book details do you want to enter: ");
54         n = sc.nextInt();
55         Book[] b = new Book[n];
56
57         for(int i=0;i<n;i++){
58             b[i] = new Book();
59             System.out.println("Enter Details for Book  " + (i+1));
60
61             System.out.print("Enter Name: ");
62             b[i].setName(sc.next());
63
64             System.out.print("Enter Author: ");
65             b[i].setAuthor(sc.next());
66
67             System.out.print("Enter Price: ");
68             b[i].setPrice(sc.nextDouble());
69
70             System.out.print("Enter no. of pages: ");
71             b[i].setPages(sc.nextInt());
72         }
73
74         for(int i=0;i<n;i++){
75             System.out.println("Book " + (i+1));
76             String st = b[i].toString();
77             System.out.println(st);
78         }
79
80     }
81
82 }

```

Output:

```
"C:\java\bin\java" -classpath "C:\Users\Madhusudhan\Desktop\JavaProgs" Book
Process started (PID=19536) >>>
How may book details do you want to enter: 2
Enter Details for Book 1
Enter Name: b1
Enter Author: a1
Enter Price: 45
Enter no. of pages: 56
Enter Details for Book 2
Enter Name: b2
Enter Author: a2
Enter Price: 67
Enter no. of pages: 78
Book 1
Name: b1 Author:a1 Price:45.0 No. of Pages:56
Book 2
Name: b2 Author:a2 Price:67.0 No. of Pages:78
<<< Process finished (PID=19536). (Exit code 0)
===== READY =====
```