

```

1 import java.util.*;
2 class Book
3 {
4     private String name;
5     private String author;
6     private double price;
7     private int num_pages;
8
9     Book()
10    {
11        name="xyz";
12        author="abc";
13        price= 0.0;
14        num_pages=10;
15    }
16    void getdata()
17    {
18        Scanner sc= new Scanner(System.in);
19        System.out.println("enter the name of book");
20        name = sc.nextLine();
21        System.out.println("enter the name of author");
22        author = sc.nextLine();
23        System.out.println("enter the price of book");
24        price = sc.nextDouble();
25        System.out.println("enter the number of pages");
26        num_pages = sc.nextInt();
27    }
28
29    public String toString()
30    {
31        return("Book: "+name+"\nAuthor: "+author+"\nPrice: Rs"+price+"\nNo.of pages: "+num_pages);
32    }
33 }
34 class lab4
35 {
36     public static void main(String ss[])
37     {
38         Scanner xx=new Scanner(System.in);
39         System.out.println("Enter the no of books:");
40         int n=xx.nextInt();
41         Book b[]=new Book[n];
42         int i;
43         System.out.println("Enter the book details");
44         for(i=0;i<n;i++)
45         {
46             System.out.println("Book "+(i+1));
47             b[i]=new Book();
48             b[i].getdata();
49         }
50         System.out.println("Printing book details....");
51         for(i=0;i<n;i++)
52         {
53             System.out.println("Book "+(i+1));
54             System.out.println(b[i]);
55             System.out.println("-----");
56         }
57     }
58 }
59
60
61

```

```
Enter the no of books:
2
Enter the book details
Book 1
enter the name of book
Norwegian Wood
enter the name of author
Haruki Murakami
enter the price of book
670
enter the number of pages
300
Book 2
enter the name of book
The Stand
enter the name of author
Stephen King
enter the price of book
790
enter the number of pages
360
Printing book details....
Book 1
Book: Norwegian Wood
Author: Haruki Murakami
Price: Rs 670.0
No.of pages: 300
-----
Book 2
Book: The Stand
Author: Stephen King
Price: Rs 790.0
No.of pages: 360
-----
```

```
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(program exited with code: 0)
```