

```

Book2.java
1  import java.util.*;
2  class Book2
3  {
4      String name,author;
5      double price;
6      int num_pages;
7      Scanner sc=new Scanner(System.in);
8      Book2()
9      {
10         name="";
11         author="";
12         price=0;
13         num_pages=0;
14     }
15 }
16 void get_details(int a)
17 {
18     System.out.println("-----");
19     System.out.println("enter the name of the book "+a);
20     name=sc.next();
21     System.out.println("enter the author of book "+a);
22     author=sc.next();
23     System.out.println("enter the price of book "+a);
24     price=sc.nextDouble();
25     System.out.println("enter the num_pages of book "+a);
26     num_pages=sc.nextInt();
27     System.out.println("-----");
28 }
29
30
31 }
32 public String toString()
33 {
34     return("name of book: "+name+"\nauthor: "+author+"\nprice: "+price+"\nno of pages: "+num_pages+"\n-----");
35 }
36
37 }
38

```

```

39  class Book2main
40  {
41
42      public static void main(String args[])
43      {
44          int n;
45          Book2 o[];
46          Scanner sc=new Scanner(System.in);
47          System.out.println("enter the no of book details to be entered");
48          n=sc.nextInt();
49          o=new Book2[n];
50          for(int i=0;i<n;i++)
51          {
52              o[i]=new Book2();
53              o[i].get_details(i+1);
54          }
55          for(int i=0;i<n;i++)
56          {
57              System.out.println("details of book "+(i+1));
58              System.out.println("-----");
59              System.out.println(o[i]);
60          }
61      }
62
63  }
64
65 }

```

```
[Arvinds-MacBook-Pro:ooj Arvind$ java Book2main
enter the no of book details to be entered
2
-----
enter the name of the book 1
kiterunner
enter the author of book 1
khaled
enter the price of book 1
300
enter the num_pages of book 1
350
-----
-----
enter the name of the book 2
divergent
enter the author of book 2
veronica
enter the price of book 2
300
enter the num_pages of book 2
400
-----
details of book 1
-----
name of book: kiterunner
author: khaled
price: 300.0
no of pages: 350
-----
details of book 2
-----
name of book: divergent
author: veronica
price: 300.0
no of pages: 400
-----
```