



Have fun taking surveys and
get paid!

ADS VIA CARBON

```
8
9 import java.util.Scanner;
10
11 class Book{
12     private String name;
13     private String author;
14     private double price;
15     private int num_pages;
16
17     Book(String s,String a,double p,int n)
18     {
19         name=s;
20         author=a;
21         price=p;
22         num_pages=n;
23     }
24     Book()
25     {
26         name="NULL";
27         author="NULL";
28         price=0;
29         num_pages=0;
30     }
31     void setdata()
32     {
33         Scanner input=new Scanner(System.in);
34         System.out.println("Enter the name of the book : ");
35         name=input.next();
36         input.nextLine();
37         System.out.println("Enter the author of the book : ");
38         author=input.next();
39         input.nextLine();
40         System.out.println("Enter the price of the book : ");
41         price=input.nextDouble();
42         System.out.println("Enter the number of pages in the book : ");
43         num_pages=input.nextInt();
44     }
45     void getdata()
46     {
47         System.out.println("The name of the book is : "+name);
48         System.out.println("The author of the book is : "+author);
49         System.out.println("The price of the book is : "+price);
50         System.out.println("Number of pages in the book are : "+num_pages);
51     }
52
53     public String toString()
54     {
55         return("name of the book : "+name+"\nauthor of the book : "+author);
56     }
57 }
58
59 public class lab3{
60     public static void main(String args[]){
61         Scanner xx=new Scanner(System.in);
62         System.out.println("Enter the number of books : ");
63         int n=xx.nextInt();
64         Book b[]=new Book[n];
65         int i;
66         System.out.println("Enter the details of the book : ");
67         for(i=0;i<n;i++)
68         {
69             System.out.println("Enter the details of the "+(i+1)+" book");
70             b[i]=new Book();
71             b[i].setdata();
72         }
73         System.out.println("The details of the books are : ");
74         for(i=0;i<n;i++)
75         {
76             System.out.println("The details of the "+(i+1)+" book is : ");
77             System.out.println(b[i]);
78         }
79     }
80 }
```

```
");  
:  
");  
the book : ");  
  
name);  
*author);  
price);  
are : "+num_pages);  
  
the book : "+author+"\nprice of the book : "+price+"\nnumber of pages in the book  
<  
  
);  
:  
"+(i+1)+" book");  
:  
)+ " book is : ");
```

Enter the number of books:2
Enter book name:ABC of Life
Enter author's name:Ananth G Prabhu
Enter price of book:
250
Enter the number of pages of book:10
-----BOOK DETAILS-----
Book name:ABC of Life
Author:Ananth G Prabhu
Price:250.0
Number of Pages:10

Enter book name:XYZ
Enter author's name:Guru
Enter price of book:50
Enter the number of pages of book:200
-----BOOK DETAILS-----
Book name:XYZ
Author:Guru
Price:50.0
Number of Pages:200

...Program finished with exit code 0
Press ENTER to exit console.□