bookMain.java

```java
import java.util.Scanner;
class book
{
    String author;
    String name;
    int num_pages;
    double price;
    Scanner sc = new Scanner(System.in);


    void getDetails()
        {
         System.out.println("Enter the name of author : ");
         author = sc.next();
         System.out.println("Enter the title of book : ");
         name = sc.next();
         System.out.println("Enter the number of pages : ");
         num_pages = sc.nextInt();
         System.out.println("Cost of book : ");
         price = sc.nextDouble();
        }


    public String toString()
    {
         return ("Author : "+author+"\nBook title : "+name+"\nPages : "+num_pages+"\nPrice : "+price);
    }


    book()
    {
        author ="Anne Frank";
        name ="The Diary of a Young Girl";
        num_pages =168;
        price = 199.00;
    }


    void display()
    {
         System.out.println("Author : "+author);
         System.out.println("Book title : "+name);
         System.out.println("Number of pages : "+num_pages);
```

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```java
30      book()
31      {
32          author ="Anne Frank";
33          name ="The Diary of a Young Girl";
34          num_pages =168;
35          price = 199.00;
36      }
37
38
39      void display()
40      {
41          System.out.println("Author : "+author);
42          System.out.println("Book title : "+name);
43          System.out.println("Number of pages : "+num_pages);
44          System.out.println("Price : "+price);
45      }
46  }
47
48
49  class bookMain
50  {
51      public static void main(String ss[])
52      {
53          Scanner sc = new Scanner(System.in);
54          int n;
55          book s1 = new book();
56          s1.display();
57          System.out.println("\nEnter the number of books : ");
58          n = sc.nextInt();
59          book b[] = new book[n];
60          for(int i=0;i<n;i++)
61          {
62              System.out.println("\nEnter details of book : "+(i+1));
63              b[i] = new book();
64              b[i].getDetails();
65          }
66          System.out.println("\nAll the books we have--");
67          for(int i=0;i<n;i++)
68          {
69              System.out.println("\nBook : "+(i+1));
70              System.out.println(b[i]);
71          }
72      }
```

```
Enter the number of pages :
500
Cost of book :
199

Enter details of book : 2
Enter the name of author :
pqr
Enter the title of book :
xyz
Enter the number of pages :
1000
Cost of book :
299

All the books we have--

Book : 1
Author : abc
Book title : def
Pages : 500
Price : 199.0

Book : 2
Author : pqr
Book title : xyz
Pages : 1000
Price : 299.0

C:\java lab>
```