

```

import java.util.Scanner;
class Book
{
    String name;
    String author;
    double price;
    int pages;

    Book()
    {
        name="";
        author="";
        price=0.0;
        pages=0;
    }
    void getDetails()
    {
        Scanner ss=new Scanner(System.in);
        System.out.println("Enter the book's name:");
        name=ss.next();
        System.out.println("Enter the author's name:");
        author=ss.next();
        System.out.println("Enter the price of book:");
        price=ss.nextDouble();
        System.out.println("Enter the number of pages in the book:");
        pages=ss.nextInt();
    }
    public String toString()
    {
        return("Name of book: "+name+"\n"+"Author of
book :"+author+"\n"+"Price :"+price+"\n"+"Number of pages:
"+pages);
    }
}
class BookMain
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);

```

```
System.out.println("Enter the number of Books :");
int n=sc.nextInt();
Book b[]=new Book[n];
for(int i=0;i<n;i++)
{
    System.out.println("Book "+(i+1)+" details");
    b[i]=new Book();
    b[i].getDetails();
}
for(int i=0;i<n;i++)
{
    System.out.println(b[i]);
    System.out.println();
}
}
```

```
Ishas-MacBook-Air:Desktop isha$ javac Lab3.java
```

```
Ishas-MacBook-Air:Desktop isha$ java BookMain
```

```
Enter the number of Books :
```

```
2
```

```
Book 1 details
```

```
Enter the book's name:
```

```
MOV
```

```
Enter the author's name:
```

```
Shakespeare
```

```
Enter the price of book:
```

```
200
```

```
Enter the number of pages in the book:
```

```
100
```

```
Book 2 details
```

```
Enter the book's name:
```

```
Alice
```

```
Enter the author's name:
```

```
Mark
```

```
Enter the price of book:
```

```
300
```

```
Enter the number of pages in the book:
```

```
200
```

```
Name of book: MOV
```

```
Author of book :Shakespeare
```

```
Price :200.0
```

```
Number of pages: 100
```

```
Name of book: Alice
```

```
Author of book :Mark
```

```
Price :300.0
```

```
Number of pages: 200
```

```
Ishas-MacBook-Air:Desktop isha$
```