

```

import java.util.*;
class Book{
    String name,author;
    double price;
    int num_pages;
    Book(){
        name="\0";
        author="\0";
        price=0.0;
        num_pages=0;
    }
    void get() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the name of the book:");
        this.name=sc.nextLine();
        System.out.println("Enter the author's name:");
        this.author=sc.nextLine();
        System.out.println("Enter the price of the book:");
        this.price=sc.nextDouble();
        System.out.println("Enter the number of pages:");
        this.num_pages=sc.nextInt();
    }
    public String toString()
    {
        String s="Name of the book: "+this.name+"\nAuthor of the book: "+this.author+"\nPrice: "+this.price+"\nNumber of pages: "+this.num_pages;
        return s;
    }
}

class MyBook
{
    public static void main(String args[])
    {
        int n;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the number of books:");
        n=sc.nextInt();
        Book b1[]=new Book[n];
        for(int i=0;i<n;i++)
        {
            b1[i]=new Book();
            System.out.println("Enter book "+(i+1)+" details");
            b1[i].get();
        }
        for(int i=0;i<n;i++)
        {
            System.out.println("Book "+(i+1)+" details");
            System.out.println(b1[i]);
        }
    }
}

```

```
C:\Users\bmsce\Documents\USN_113_java>javac LabProg3.java
```

```
C:\Users\bmsce\Documents\USN_113_java>java MyBook
```

```
Enter the number of books:
```

```
2
```

```
Enter book 1 details
```

```
Enter the name of the book:
```

```
Shiva Triology
```

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

```
Amish
```

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

```
800
```

```
Enter the number of pages:
```

```
1000
```

```
Enter book 2 details
```

```
Enter the name of the book:
```

```
Mahabharat
```

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

```
ami
```

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

```
600
```

```
Enter the number of pages:
```

```
1000
```

```
Book 1 details
```

```
Name of the book: Shiva Triology
```

```
Author of the book: Amish
```

```
Price: 800.0
```

```
Number of pages: 1000
```

```
Book 2 details
```

```
Name of the book: Mahabharat
```

```
Author of the book: ami
```

```
Price: 600.0
```

```
Number of pages: 1000
```