

```

import java.util.Scanner;
class Book{
    String name,author;
    float price;
    int num_pages;
    Book()
    {
        name="";
        author="";
        price=0.0f;
        num_pages=0;
    }

    void setDetails()
    {
        Scanner scr = new Scanner(System.in);
        System.out.println("Enter name : ");
        name = scr.next();
        System.out.println("Enter name of author : ");
        author = scr.next();
        System.out.println("Enter price : ");
        price = scr.nextFloat();
        System.out.println("Enter number of pages : ");
        num_pages = scr.nextInt();
    }

    void getDetails()
    {
        System.out.println(this);
    }

    public String toString()
    {
        return("Name : "+name+"\nAuthor : "+author+"\nprice : "+price+"\nNumber of pages : "+num_pages);
    }
}
public class Bookm {
    public static void main(String args[])
    {
        Scanner scr = new Scanner(System.in);
        System.out.println("Enter the value of n : ");
        int n = scr.nextInt();
        Book b[]= new Book[n];
        for(int i =0;i<n;i++)
        {
            System.out.println("Enter details of book "+(i+1)+" ");
            b[i] = new Book();
            b[i].setDetails();
        }

        for(int i =0;i<n;i++)
        {
            System.out.println("Details of book "+(i+1)+": ");
            b[i].getDetails();
        }
    }
}

```

Output :

```
Details of book 1:
Name : abc
Author : bcd
price : 250.0
Number of pages : 400
Details of book 2:
Name : efg
Author : ijk
price : 350.0
Number of pages : 250
Details of book 3:
Name : xyz
Author : lmn
price : 200.0
Number of pages : 150
```

```
Enter the value of n :
3
Enter details of book 1
Enter name :
abc
Enter name of author :
bcd
Enter price :
250
Enter number of pages :
400
Enter details of book 2
Enter name :
efg
Enter name of author :
ijk
Enter price :
350
Enter number of pages :
250
Enter details of book 3
Enter name :
xyz
Enter name of author :
lmn
Enter price :
200
Enter number of pages :
150
Details of book 1:
```