

```

import java.util.*;
class Book2
{
    String name, author;
    double price;
    int num_pages;
    Scanner sc=new Scanner(System.in);
    Book2()
    {
        name="";
        author="";
        price=0;
        num_pages=0;
    }
    void get_details(int o)
    {
        System.out.println("-----");
        System.out.println("enter the name of the book "+o);
        name=sc.next();
        System.out.println("enter the author of book "+o);
        author=sc.next();
        System.out.println("enter the price of book "+o);
        price=sc.nextDouble();
        System.out.println("enter the num_pages of book "+o);
        num_pages=sc.nextInt();
        System.out.println("-----");
    }
    public String toString()
    {
        return("name of book: "+name+"\nauthor: "+author+"\nprice: "+price+"\nno of pages: "+num_pages+"\n-----");
    }
}

class Book2main
{
    public static void main(String args[])
    {
        int n;
        Book2 o[];
        Scanner sc=new Scanner(System.in);
        System.out.println("enter the no of book details to be entered");
        n=sc.nextInt();
    }
}

```

```

9  o=new Book2[n];
0  for(int i=0;i<n;i++)
1  {
2      o[i]=new Book2();
3      o[i].get_details(i+1);
4
5  }
6  for(int i=0;i<n;i++)
7  {
8      System.out.println("details of book "+(i+1));
9      System.out.println("-----");
0      System.out.println(o[i]);
1  }
2
3
4  }
5  }

```

```

Command Prompt
Microsoft Windows [Version 10.0.18363.1139]
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C:\Users\rahul>cd C:\workspace

C:\workspace>javac Book2.java

C:\workspace>java Book2main
enter the no of book details to be entered
3
-----
enter the name of the book 1
GeronimoStilton
enter the author of book 1
ElisabettaDami
enter the price of book 1
150
enter the num_pages of book 1
100
-----
enter the name of the book 2
percyjackson
enter the author of book 2
rickriordan
enter the price of book 2
300
enter the num_pages of book 2
500
-----
enter the name of the book 3
inferno
enter the author of book 3
DanBrown
enter the price of book 3
800
enter the num_pages of book 3
1000
-----
details of book 1
-----
name of book: GeronimoStilton
author: ElisabettaDami
price: 150.0
no of pages: 100
-----

```

Command Prompt

details of book 2

name of book: percyjackson
author: rickriordan
price: 300.0
no of pages: 500

details of book 3

name of book: inferno
author: DanBrown
price: 800.0
no of pages: 1000

C:\workspace>