import java.util.Scanner;

class Book{

private String name;

private String author;

private double price;

private int num\_pages;

Book(String s,String a,double p,int n)

{

name=s;

author=a;

price=p;

num\_pages=n;

}

Book()

{

name="NULL";

author="NULL";

price=0;

num\_pages=0;

}

void setdata()

{

Scanner input=new Scanner(System.in);

System.out.println("Enter the name of the book : ");

name=input.next();

input.nextLine();

System.out.println("Enter the author of the book : ");

author=input.next();

input.nextLine();

System.out.println("Enter the price of the book : ");

price=input.nextDouble();

System.out.println("Enter the number of pages in the book : ");

num\_pages=input.nextInt();

}

void getdata()

{

System.out.println("The name of the book is : "+name);

System.out.println("The author of the book is : "+author);

System.out.println("The price of the book is : "+price);

System.out.println("Number of pages in the book are : "+num\_pages);

}

public String toString()

{

return("name of book : "+name+"\nauthor : "+author+"\nprice : "+price+"\nnumber of pages: "+num\_pages);

}

}

public class lab{

public static void main(String args[]){

Scanner xx=new Scanner(System.in);

System.out.println("Enter the number of books : ");

int n=xx.nextInt();

Book b[]=new Book[n];

int i;

System.out.println("Enter the details of the book : ");

for(i=0;i<n;i++)

{

System.out.println("Enter the details of the "+(i+1)+" book");

b[i]=new Book();

b[i].setdata();

}

System.out.println("The details of the books are : ");

for(i=0;i<n;i++)

{

System.out.println("The details of the "+(i+1)+" book is : ");

System.out.println(b[i]);

}

}

}