```java
package com.company;
import java.util.Scanner;
class Book{
    String name;
    String author;
    float price;
    int num_pages;
    Book(){
        this.name="";
        this.author="";
        this.price=0f;
        this.num_pages=0;
    }
    Book(String name,String author,float price,int num_pages){
        this.name=name;
        this.author=author;
        this.price=price;
        this.num_pages=num_pages;
    }
    void get_details(){
        Scanner s=new Scanner(System.in);
        System.out.println("Enter the name of the book:");
        name=s.nextLine();
        System.out.println("Enter the author of the book:");
        author=s.nextLine();
        System.out.println("Enter the price of the book:");
        price=s.nextFloat();
```

```java
    }
    void set_details(String n,String a,float p,int np){
        this.name=n;
        this.author=a;
        this.price=p;
        this.num_pages=np;
    }
    public String toString(){
        return ("Name="+name+"\n"+"Author="+author+"\n"+"Price="+price+"\n"+"Number of pages="+num_pages+"\n");
    }
}
public class lab3 {
    public static void main(String args[]){
        int n;
        Scanner s=new Scanner(System.in);
        System.out.println("Enter number of books:");
        n=s.nextInt();
        Book[] b=new Book[n];
        for (int i=0;i<n;i++){
            b[i]=new Book();
            b[i].get_details();
        }
        for (int i=0;i<n;i++){
            System.out.println("Details of the book"+(i+1)+":");
            System.out.println(b[i]);
        }
        Book boo1=new Book();
```

```java
        Book[] b=new Book[n];
        for (int i=0;i<n;i++){
            b[i]=new Book();
            b[i].get_details();
        }
        for (int i=0;i<n;i++){
            System.out.println("Details of the book"+(i+1)+":");
            System.out.println(b[i]);
        }
        Book boo1=new Book();
        boo1.set_details( n: "The story", a: "Sushma", p: 200, np: 300);
        System.out.println("Details of the book:");
        System.out.println(boo1);
    }
}
```

```
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...
Enter number of books:
2
Enter the name of the book:
The wings of fire
Enter the author of the book:
APJ Abdul Kalam
Enter the price of the book:
200
Enter the number of pages of the book:
300
Enter the name of the book:
THe boy with a stick
Enter the author of the book:
Sundar
Enter the price of the book:
100
Enter the number of pages of the book:
200
Details of the book1:
Name=The wings of fire
Author=APJ Abdul Kalam
Price=200.0
Number of pages=300

Details of the book2:
Name=THe boy with a stick
```

```
Details of the book1:
Name=The wings of fire
Author=APJ Abdul Kalam
Price=200.0
Number of pages=300

Details of the book2:
Name=THe boy with a stick
Author=Sundar
Price=100.0
Number of pages=200

Details of the book:
Name=The story
Author=Sushma
Price=200.0
Number of pages=300


Process finished with exit code 0
```