

```
import java.util.Scanner;

class Book
{
    private String book_name;
    private String author;
    private double price;
    private int no_of_pages;

    public Book(String book_name, String author, double price, int no_of_pages) {
        this.book_name = book_name;
        this.author = author;
        this.price = price;
        this.no_of_pages = no_of_pages;
    }

    public String tostring()
    {
        return
("-----BOOK DETAILS-----\nBook name:"+ book_name +"\n"+ "Author:"+author+"\n"+ "Price:"+price+"\n"+ "Number of Pages:"+no_of_pages+"\n"+ "
-----");
    }
}

public class Mainb {
    public static void main(String args[]) {
        String book_name;
        String author;
        int no_of_pages;
        double price;

        Scanner sc = new Scanner(System.in);
        int n;
        System.out.print("Enter the number of books:");
    }
}
```

*Mainb - Notepad

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```
-----");  
}  
}  
public class Mainb {  
    public static void main(String args[]) {  
        String book_name;  
        String author;  
        int no_of_pages;  
        double price;  
  
        Scanner sc = new Scanner(System.in);  
        int n;  
        System.out.print("Enter the number of books:");  
        n = sc.nextInt();  
        sc.nextLine();  
        Book [] b = new Book[n];  
        for(int i=0;i<n;i++) {  
            System.out.print("Enter book name:");  
            book_name = sc.nextLine();  
            System.out.print("Enter author's name:");  
            author = sc.nextLine();  
            System.out.print("Enter price of book:");  
            price = sc.nextDouble();  
            System.out.print("Enter the number of pages of book:");  
            no_of_pages = sc.nextInt();  
            sc.nextLine();  
            b[i] = new Book(book_name,author,price,no_of_pages );  
            System.out.println(b[i]);  
        }  
    }  
}
```

```
PS C:\Users\sarayu\Desktop\ooj> javac Mainb.java
PS C:\Users\sarayu\Desktop\ooj> java Mainb
Enter the number of books:2
Enter book name:the sport
Enter author's name:rahul
Enter price of book:600
Enter the number of pages of book:250
-----BOOK DETAILS-----
Book name:the sport
Author:rahul
Price:600.0
Number of Pages:250
-----Enter book name:the watch
Enter author's name:raju
Enter price of book:700
Enter the number of pages of book:350
-----BOOK DETAILS-----
Book name:the watch
Author:raju
Price:700.0
Number of Pages:350
-----
```

```
PS C:\Users\sarayu\Desktop\ooj>
```

Java

```
import java.util.Scanner;
```

Class Book

{

```
private String book_name;
private String author;
private double price;
private int no_of_pages;
```

```
public Book (String book_name, String author,
double price, int no_of_pages) {
    this.book_name = book_name;
    this.author = author;
    this.price = price;
    this.no_of_pages = no_of_pages;
}
```

```
{ public String toString ()
```

```
return C".....Book details ..... \n Bookname:" + book_name + "\n" + "Author:" + author + "\n" + "Price:" + price + "\n" + "Number of Pages:" + no_of_pages + "\n" + ".....");
```

}

}

```
public class Main {
```

```
public static void main (String args []) {
```

```
String book_name;
```

```
String author;
```

```
int no_of_pages;
```

```
double price;
```

```
Scanner sc = new Scanner (System.in);
int n;
```

```
System.out.print("Enter the Number of books:");  
n = sc.nextInt();  
sc.nextLine();  
Book [ ] b = new Book [n];  
for (int i=0; i<n; i++) {  
    System.out.print("Enter book name:");  
    book_name = sc.nextLine();  
    System.out.print("Enter author's name:");  
    author = sc.nextLine();  
    System.out.print("Enter price of book:");  
    price = sc.nextInt();  
    System.out.print("Enter the number of pages of book:");  
    no_of_pages = sc.nextInt();  
    sc.nextLine();  
    b[i] = new Book (book_name, author, price,  
                    no_of_pages);  
}  
System.out.println(b[1]);
```

Output:-

Enter the Number of books: 2

Enter book name: the Sport

Enter author's name: ruchi

Enter price of book: 600

Enter the number of pages of book: 250

Book details

Book Name : the Sport

Author : ruchi

Price : 600.0

Number of Pages : 250

Enter book name : the watch

Enter author's name : raju

Enter price of book : 700

Enter the number of pages of book : 350

Book details

Book name : the watch

Author : raju

Price : 700 . 0

Number of Pages : 350