

```
1  import java.util.Scanner;
2
3  class Book {
4      private String name;
5      private String author;
6      private double price;
7      private int num_pages;
8
9      void getDetails() {
10         Scanner inp = new Scanner(System.in);
11         System.out.print("Name : ");
12         name = inp.nextLine();
13         System.out.print("Author : ");
14         author = inp.nextLine();
15         System.out.print("Price : ");
16         price = inp.nextDouble();
17         System.out.print("Number of pages : ");
18         num_pages = inp.nextInt();
19     }
20
21     public String toString() {
22         return("Name : "+name+"\nAuthor : "+author+"\nPrice : "+price+"\nNumber of Pages : "+num_pages);
23     }
24 }
25
26 class week5Prog3 {
27     public static void main(String args[]) {
28         Scanner inp = new Scanner(System.in);
29
30         System.out.print("Enter the number of books : ");
31         int n = inp.nextInt();
```

```
17     System.out.print("Number of pages : ");
18     num_pages = inp.nextInt();
19 }
20
21 public String toString() {
22     return("Name : "+name+"\nAuthor : "+author+"\nPrice : "+price+"\nNumber of Pages : "+num_pages);
23 }
24 }
25
26 class week5Prog3 {
27     public static void main(String args[]) {
28         Scanner inp = new Scanner(System.in);
29
30         System.out.print("Enter the number of books : ");
31         int n = inp.nextInt();
32
33         Book b[] = new Book[n];
34         for(int i=0;i<n;i++) {
35             b[i] = new Book();
36             System.out.println("Enter details of the book "+(i+1)+" : ");
37             b[i].getDetails();
38         }
39
40         System.out.println("The Details Of the Books are: ");
41         for(int i=0;i<n;i++) {
42             System.out.println("\nBook "+(i+1));
43             System.out.println(b[i]);
44         }
45     }
46
47 }
```

```
dhruvdubey@Dhruvs-MacBook-Air JavaLab % java week5Prog3
```

```
Enter the number of books : 3
```

```
Enter details of the book 1 :
```

```
Name : Harry Potter
```

```
Author : J K Rowling
```

```
Price : 550
```

```
Number of pages : 423
```

```
Enter details of the book 2 :
```

```
Name : Rohl Dahl
```

```
Author : ruskin bond
```

```
Price : 500
```

```
Number of pages : 23
```

```
Enter details of the book 3 :
```

```
Name : Grade
```

```
Author : Dhruv dubey
```

```
Price : 47.75
```

```
Number of pages : 48
```

```
The Details Of the Books are:
```

```
Book 1
```

```
Name : Harry Potter
```

```
Author : J K Rowling
```

```
Price : 550.0
```

```
Number of Pages : 423
```

```
Book 2
```

```
Name : Rohl Dahl
```

```
Author : ruskin bond
```

```
Price : 500.0
```

```
Number of Pages : 23
```

```
Book 3
```

```
Name : Grade
```

```
Author : Dhruv dubey
```

```
Price : 47.75
```

```
Number of Pages : 48
```

```
dhruvdubey@Dhruvs-MacBook-Air JavaLab % █
```