



Sum.java x Counting.java x Billing.java x OperationsOnArray.java x PlayersStats.java x BookDetails.java x BookDet.java x

```
1  import java.util.*;
2  class Book{
3      String name;
4      String author;
5      double price;
6      int num_pages;
7      Scanner in = new Scanner(System.in);
8      Book(){
9
10     }
11     void Bookupdate(){
12         System.out.println("Enter name of the book");
13         name = in.nextLine();
14         System.out.println("Enter name of the author");
15         author = in.nextLine();
16         System.out.println("Enter price of the book");
17         price = in.nextDouble();
18         System.out.println("Enter no. of pages in the book");
19         num_pages = in.nextInt();
20     }
21     public String toString(){
22         return ("Book name: "+name+" Author: "+author+" Price: "+price+" No. of pages: "+num_pages);
23     }
24 }
25
26 class BookDet{
27     public static void main(String args[]){
28         int i,n;
29         Scanner in = new Scanner(System.in);
30         System.out.println("Enter no. of objects to be created");
31         n = in.nextInt();
32         Book obj[];
33         obj = new Book[n];
34         for(i=0;i<n;i++){
35             obj[i] = new Book();
36         }
37         for(i=0;i<n;i++){
38             obj[i].Bookupdate();
```

Java source file

length: 1,102 lines: 48

Ln: 9 Col: 5 Sel: 0 | 0

Windows (CR LF)

UTF-8

INS





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```
12      System.out.println("Enter name of the book");
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17      price = in.nextDouble();
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19      num_pages = in.nextInt();
20  }
21  public String toString(){
22      return ("Book name: "+name+" Author: "+author+" Price: "+price+" No. of pages: "+num_pages);
23  }
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27  public static void main(String args[]){
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33      obj = new Book[n];
34      for(i=0;i<n;i++){
35          obj[i] = new Book();
36      }
37      for(i=0;i<n;i++){
38          obj[i].Bookupdate();
39      }
40      System.out.println("The details of the books are");
41      for(i=0;i<n;i++){
42          System.out.println(obj[i].toString());
43      }
44  }
45  }
46  }
47  }
48  }
```

```
Command Prompt
C:\Users\Pankaj Gupta\Desktop\Java Lab1>java BookDet
Enter no. of objects to be created
2
The details of the books are
Book name: null Author: null Price: 0.0 No. of pages: 0
Book name: null Author: null Price: 0.0 No. of pages: 0

C:\Users\Pankaj Gupta\Desktop\Java Lab1>javac Bookdet.java

C:\Users\Pankaj Gupta\Desktop\Java Lab1>java BookDet
Enter no. of objects to be created
2
Enter name of the book
java
Enter name of the author
Herbert
Enter price of the book
600
Enter no. of pages in the book
700
Enter name of the book
C
Enter name of the author
Kottur
Enter price of the book
400
Enter no. of pages in the book
200
The details of the books are
Book name: java Author: Herbert Price: 600.0 No. of pages: 700
Book name: C Author: Kottur Price: 400.0 No. of pages: 200

C:\Users\Pankaj Gupta\Desktop\Java Lab1>
```

 Customize