

C:\Users\hriti\Documents\book1.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

new 1 fbt new 2 new 4 practicehelloworld.java xyzw.java segment.java samsung.java book1.java

```
1 import java.util.Scanner;
2 class Book
3 {
4     private String Bookname;
5     private String Authornam;
6     private double Bookprice;
7     private int numberofpages;
8
9     Book()
10    {
11        System.out.println("Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor: ");
12        Bookname="Invisible Man";
13        Authornam="H G Wells";
14        Bookprice=30.67;
15        numberofpages=800;
16    }
17
18    Book(String Booknam, String Authornam, double Bookpric, int numberofpage)
19    {
20        System.out.println("Name of book, Author of book, Price of book and Number of pages in the book respectively inside Parameterized constructor: ");
21        Bookname=Booknam;
22        Authornam=Authornam;
23        Bookprice=Bookpric;
24        numberofpages=numberofpage;
25    }
26
27    void getdetails()
28    {
29        Scanner sc=new Scanner(System.in);
30        System.out.println("Enter the name of the book:");
31        Bookname=sc.next();
32        System.out.println("Enter the Name of the author:");
33        Authornam=sc.next();
34        System.out.println("Enter the Price of the book:");
35        Bookprice=sc.nextDouble();
36        System.out.println("Enter the number of pages of the book:");
37        numberofpages=sc.nextInt();
38    }
39
40    void printdetails()
41    {
42        System.out.println("The name of the book is: "+Bookname);
43        System.out.println("The author of the book is: "+Authornam);
44        System.out.println("Price of the book is: "+Bookprice);
```

Java source file

Command Prompt

```
C:\Users\hriti\Documents>java Bookmain
Book information
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor:
Enter the name of the book:
Sangam
Enter the Name of the author:
easter
Enter the Price of the book:
789.99
Enter the number of pages of the book:
1500
The name of the book is: Sangam
The author of the book is: easter
Price of the book is: 789.99
The number of pages in the book are: 1500
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Parameterized constructor:
r:
The name of the book is: Relativity
The author of the book is: Hawking
Price of the book is: 345.56
The number of pages in the book are: 789
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor:
```

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File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

new1 fbt new2 new4 practicehelloworld.java xyzw.java segment.java samsung.java book1.java

```
35         System.out.println("Enter the Price of the book:");
36         Bookprice=sc.nextDouble();
37         System.out.println("Enter the number of pages of the book:");
38         numberofpages=sc.nextInt();
39     }
40     void printdetails()
41     {
42         System.out.println("The name of the book is: "+Bookname);
43         System.out.println("The author of the book is: "+Authurname);
44         System.out.println("Price of the book is: "+Bookprice);
45         System.out.println("The number of pages in the book are: "+numberofpages);
46     }
47
48     public String toString()
49     {
50         return ("Name of the book is "+Bookname+" Name of the author "+Authurname+" Price of the book is "+Bookprice+" Number of pages in the book are "+numberofpages);
51     }
52 }
53
54 class Bookmain
55 {
56     public static void main(String ss[])
57     {
58         Scanner sc=new Scanner(System.in);
59         System.out.println("Book information");
60         Book b1=new Book();
61         b1.getdetails();
62         b1.printdetails();
63         Book b2=new Book("Relativity", "Hawking", 345.56, 789);
64         b2.printdetails();
65         Book s=new Book();
66         System.out.println("Enter the number of books");
67         int n=sc.nextInt();
68         Book b[]=new Book[n];
69         for(int i=0;i<n;i++)
70         {
71             System.out.println("Enter the details of the book: "+(i+1));
72             b[i]=new Book();
73             b[i].getdetails();
74             b[i].printdetails();
75         }
76     }
77 }
78 }
```

Command Prompt

```
5647
The name of the book is: insideout
The author of the book is: ajay
Price of the book is: 455.33
The number of pages in the book are: 5647
Enter the details of the book:2
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor:
Enter the name of the book:
josh
Enter the Name of the author:
atreya
Enter the Price of the book:
5439.33
Enter the number of pages of the book:
1900
The name of the book is: josh
The author of the book is: atreya
Price of the book is: 5439.33
The number of pages in the book are: 1900
C:\Users\hriti\Documents>
```

Java source file length: 2,383 lines: 78 Ln: 76 Col: 2 Sel: 0 | 0 Windows (CR LF) UTF-8 INS

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```
C:\Users\hriti\Documents\book1.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

new 1 fbt new 2 new 4 practicehelloworld.java xyzw.java segment.java samsung.java book1.java X
35 System.out.println("Enter the Price of the book:");
36 Bookprice=sc.nextDouble();
37 System.out.println("Enter the number of pages of the book:");
38 numberofpages=sc.nextInt();
39 }
40 void printdetails()
41 {
42 System.out.println("The name of the book is: "+Bookname);
43 System.out.println("The author of the book is: "+Authorname);
44 System.out.println("Price of the book is: "+Bookprice);
45 System.out.println("The number of pages in the book are: "+numberofpages);
46 }
47
48 public String toString()
49 {
50 return ("Name of the book is "+Bookname+" Name of the author "+Authorname+" Price of the book "+Bookprice+" Number of pages "+numberofpages);
51 }
52 }
53
54 class Bookmain
55 {
56 public static void main(String ss[])
57 { Scanner sc=new Scanner(System.in);
58 System.out.println("Book information");
59 Book b1=new Book();
60 b1.getdetails();
61 b1.printdetails();
62 Book b2=new Book("Relativity", "Hawking", 345.56, 789);
63 b2.printdetails();
64 Book s=new Book();
65 System.out.println("Enter the number of books");
66 int n=sc.nextInt();
67 Book b[]=new Book[n];
68 for(int i=0;i<n;i++)
69 {
70 System.out.println("Enter the details of the book:"+i+1);
71 b[i]=new Book();
72 b[i].getdetails();
73 b[i].printdetails();
74 }
75 }
76 }
77
78
Java source file
Type here to search
Command Prompt
or:
The name of the book is: Relativity
The author of the book is: Hawking
Price of the book is: 345.56
The number of pages in the book are: 789
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor:
Enter the number of books
2
Enter the details of the book:1
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor:
Enter the name of the book:
insideout
Enter the Name of the author:
ajay
Enter the Price of the book:
455.33
Enter the number of pages of the book:
5647
The name of the book is: insideout
The author of the book is: ajay
Price of the book is: 455.33
The number of pages in the book are: 5647
Enter the details of the book:2
Name of book, Author of book, Price of book and Number of pages in the book respectively inside Default constructor:
Enter the name of the book:
josh
Enter the Name of the author:
josh
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```