

Create a class book which contain four members : name, author, price, num-pages, include a constructor to set the values for the members. Include methods to set and get the details of the objects. Include a toString() method that could display the complete details of the book. Develop a Java program to create n book objects.

```
import java.util.Scanner;  
class Book
```

```
{
```

```
    String name, author;
```

```
    double price;
```

```
    int num-pages;
```

```
    Book();
```

```
{
```

```
    name = " ";
```

```
    author = " ";
```

```
    price = 0.0; num-pages = 0;
```

```
}
```

```
void input ()
```

```
{
```

```
Scanner ss = new Scanner (System.in)
```

```
System.out.println ("Enter the name  
of the book: ");
```

```
name = ss.nextLine();
```

```
System.out.println ("Enter the  
author of the book: ");
```

```
author = ss.nextLine();
```

```
System.out.println ("Enter the  
price of the book: ");
```

```
price = ss.nextDouble();
```

```
System.out.println ("Enter the number  
of pages of the book: ");
```

```
num-pages = ss.nextInt();
```

```
}
```

```
public String toString ()
```

```
{
```

```
return ("NAME : " + name + " In
```

```
AUTHOR: " + author + " In PRICE: " +
```

```
price + " /- " + " In NUMBER OF
```

```
PAGES : " + num-pages + " In");
```

```
}
```

```
}
```

```
class book-main {
```

```
{
```

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

```
    {
```

```
        Scanner s = new Scanner (System.in);
```

```
        System.out.println ("Enter the number  
of books : ");
```

```
        int n = s.nextInt();
```

```
        Book book[] = new Book[n];
```

```
        for (int i = 0; i < n; i++)
```

```
        {
```

```
            book[i] = new Book();
```

```
            book[i].input();
```

```
            System.out.println ("In Book  
details : ");
```

```
            System.out.println (book[i].toString());
```

```
        }
```

```
    }
```

```
}
```

EL Command Prompt - java book_main

Microsoft Windows [Version 10.0.19045.2251]

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C:\Users\Admin>cd C:\Users\Admin\Desktop\ooj

C:\Users\Admin\Desktop\ooj>javac Book.java

C:\Users\Admin\Desktop\ooj>java book_main

enter the number of books:

3

enter the name of the book:

wingsof fire

enter the author of the book:

apj abdul kalam

enter the price of the book:

300

enter the number of pages of the book:

400

Book details:

NAME:wingsof fire

AUTHOR:apj abdul kalam

PRICE:300.0/-

NUMBER OF PAGES:400

enter the name of the book: