

LP#3

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

```
class Book {
```

```
    String name;
```

```
    String author;
```

```
    float price;
```

```
    int num-pages;
```

```
    Book() {
```

```
        this.name = "";
```

```
        this.author = "";
```

```
        this.price = 0f;
```

```
        this.num-pages = 0;
```

```
    }
```

```
    Book (String name, String author, float price, int num-pages) {
```

```
        this.name = name;
```

```
        this.author = author;
```

```
        this.price = price;
```

```
        this.num-pages = num-pages;
```

```
    }
```

```
    void get-details() {
```

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

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

```
name = s.nextLine();  
System.out.println("Enter the author :");  
author = s.nextLine();  
System.out.println("Enter price of the book :");  
price = s.nextFloat();  
System.out.println("Enter number of pages of the book :");  
num_pages = s.nextInt();  
}
```

```
void set-details (String n, String a, float p, int np) {  
    this.name = n;  
    this.author = a;  
    this.price = p;  
    this.num_pages = np;  
}
```

```
public String toString() {  
    return ("Name = " + name + "\n Author = " + author + "\n Price = " +  
    price + "\n Number of pages = " + num_pages + "\n");  
}  
}
```

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



```

int n;
Scanner s = new Scanner(System.in);
System.out.println("Enter number of books:");
n = s.nextInt();
Book[] b = new Book[n];
for (int i=0; i<n; i++) {
    b[i] = new Book();
    b[i].set-details();
}

for (int i=0; i<n; i++) {
    System.out.println("Details of the book " + (i+1) + " :");
    System.out.println(b[i]);
}

Book b001 = new Book();
b001.set-details("The new world", "Kenny", 300, 400);
System.out.println("Details of the book:");
System.out.println(b001);
}
}

```