

BookMain.java

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

```
class Book {
```

```
    String name;
```

```
    String author;
```

```
    int price;
```

```
    int numPages;
```

```
    public Book(String name, String author, int price,  
                int numPages) {
```

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

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

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

```
        this.numPages = numPages;
```

```
    }
```

```
    public String toString() {
```

```
        String bookDetails = "Book name: " + this.  
                               name + "\n" + "Author name: " +
```

```
                               this.author + "\n" + "Price: " +
```

```
                               this.price + "\n" + "Number of
```

```
                               Pages: " + this.numPages + "\n";
```

```
        return bookDetails;
```

```
    }
```

```
}
```

```
public class BookMain {
```

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

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

```
        int n;
```

```
        String name;
```

```
        String author;
```

```
int price;  
int numPages;
```

```
System.out.println("number of books");  
n = s.nextInt();
```

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

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

```
    System.out.println("Enter details for  
    Book " + (i+1));
```

```
    System.out.print("Name: ");  
    name = s.next();
```

```
    System.out.print("Author: ");  
    author = s.next();
```

```
    System.out.print("Price: ");  
    price = s.nextInt();
```

```
    System.out.print("No. of pages: ");  
    numPages = s.nextInt();
```

```
    b[i] = new Book(name, author, price,  
                    numPages);
```

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

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

```
    System.out.print("Book " + (i+1) +
```

```
    " : \n" + b[i].
```

```
toString());
```


Output :-

number of books

2

Enter details for Book 1

Name: Apple

~~Enter~~

Author: Newton

Price: 256

No. of Pages: 250

Enter details for Book 2

Name: India

Author: Sarvesh

Price: 99

No. of Pages: 100

Details of the Books:

Book 1:

Book name: Apple

Author name: Newton

Price: 256

No. of pages: 250

~~Book 2:~~

~~Book name: India~~

~~Author name: Sarvesh~~

~~Price: 99~~

~~No. of Pages: 100~~


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