

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

```
class Book{
```

```
    String name;  
    String author;  
    int numPages;  
    int Price;
```

```
    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 Main{
```

```
    public static void main (String args[]) {  
        Scanner s = new Scanner (System.in);
```

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

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

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

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

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

```
    System.out.println("Name: ");
```

```
String System.out name = s.next();
```

```
    System.out.print("Author: ");
```

```
String author = s.next();
```

```
    System.out.print("Price: ");
```

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

```
    System.out.print("Number of pages: ");
```

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

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

```
}
```

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

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

```
{
```

```
    System.out.println("Book" + (i+1) + ": \n" +  
        books[i].toString());
```

```
}
```

```
}
```

```
}
```

⇒ Output:

Enter the number of books: 2

Enter details for Book 1

Name: Coding

Author: pp

Price: 798

Number of pages: 260

Enter details for Book 2

Name: Cooking

Author: KP

Price: 798

Number of Pages: 300

Details of the Books 1:

Book 1:

Book name: Coding

Author name: pp

Price: 798

Number of pages: 260

Book 2:

Book name: Cooking

Author name: KP

Price: 798

Number of pages: 300

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Enter the number of books: 2

Enter details for Book 1

Name:

kumar

Author:

hsgdy

Price:

124

Number of pages:

500

Enter details for Book 2

Name:

345

Author:

lkis

Price:

1234

Number of pages:

7000

Details of the books:

Book 1:

Book name: kumar

Author name: hsgdy

Price: 124

Number of pages: 500

Book 2:

Book name: 345

Author name: lkis

Price: 1234

Number of pages: 7000