

```

1  package Assign_5;
2
3
4  /* StudentName: Jiachao Wu
5   *
6   * Student Number:5726922
7   *
8   * Date:2016/4/4 */
9
10 import java.util.*;
11
12
13 class BookIterator implements Iterator<Chapter> {
14
15
16     private Chapter[]  theChapter;
17     private int        index;
18
19     BookIterator ( Chapter[] c ) {
20
21         theChapter = c;
22         index = 0;
23
24     }; // constructor
25
26
27
28     public boolean hasNext ( ) { // from Iterator
29
30         return index < theChapter.length;
31
32     }; // hasNext
33
34
35     public Chapter next ( ) { // from Iterator
36
37         if ( ! hasNext() ) {
38             throw new NoSuchElementException();
39         };
40         index = index + 1;
41         return theChapter[index-1];
42
43     }; // next
44
45
46
47     public void remove ( ) { // from Iterator
48
49         throw new UnsupportedOperationException();
50
51     }; // remove
52
53
54 } // BookIterator

```