

```

1  package Assign_5;
2
3  /* StudentName: Jiachao Wu
4   *
5   * Student Number:5726922
6   *
7   * Date:2016/4/4 */
8
9  import java.util.*;
10 import BasicIO.*;
11 import static BasicIO.Formats.*;
12
13 class PrintBook {
14
15
16     private ReportPrinter  report;    // printer file for the report
17     private Book           theBook;   // course report is about
18     private Chapter        aChapter;
19
20     public PrintBook ( Book aBook ) {
21         report = new ReportPrinter(false);
22         theBook = aBook;
23         initReport();
24
25     }; // constructor
26
27
28     public void writeDetailLine ( Chapter aChapter ) {
29
30         for ( int i=0 ; i<aChapter.getNumChapter(); i++ ) {
31
32             report.writeString(aChapter.getChapTitle());
33             report.writeString(aChapter.getChapAuthor());
34             report.writeInt(oddPage(aChapter.getPages()));
35         }
36     }; // writeDetailLine
37
38
39     public int oddPage( int p ){
40
41         p = aChapter.getPages();
42         if (p%2==0){
43             p= p+1;}
44         else{ p = p+2;
45             }
46         return p;
47     }
48
49
50     public void close ( ) {
51
52         report.close();
53
54     }; // close
55
56     private void initReport ( ) {
57
58         report.addField("Title", "Title", 20);
59         report.addField("author", "author", 20);
60         report.addField("Page", "Page", 10);
61

```

```
62     }; // initReport
63
64
65 } // PrintBook
```