

CSE 8B - Week 3 Discussion Worksheet

WeekThree.java - File, PrintStream, Scanner

```
1 /**
2  * A file that is used for week 3 discussion. It goes over IO in Java.
3  *
4  * @author _____
5  * _____
6  */
7
8 import java.io.*;
9 import java.util.*;
10
11 /**
12  * The WeekThree class is used to explain useful file operations in
PA2.
13  */
14 public class WeekThree {
15
16     private static final String INPUT_FILE_NAME = "input.txt";
17     private static final String OUTPUT_FILE_NAME = "output.txt";
18
19     /**
20      * Main method used to copy contents of input file to output file.
21      *
22      * @param args Not used
23      */
24     public static void main(String[] args) throws IOException {
25
26         // Open up the input file and create Scanner to parse the file
27         File inputFile = new File(_____);
28         Scanner scanner = new Scanner(_____);
29
30         // Open up the output file and create PrintStream to write to
it
31         File outputFile = new File(_____);
32         PrintStream stream = new PrintStream(_____);
33
34         // Read through the file
35         String line = "";
36         while(_____) {
37             // Read in one line and write to output file
38             line = _____;
39             stream.println(_____);
40         }
41
42         // Close the scanner and printStream
43         scanner.close();
44         stream.close();
45     }
46 }
```

