

```
1 import java.io.BufferedReader;
2 import java.io.BufferedWriter;
3 import java.io.FileReader;
4 import java.io.FileWriter;
5 import java.io.IOException;
6 import java.io.PrintWriter;
7 import java.util.HashSet;
8
9 /**
10  * Program to copy a text file into another file.
11  *
12  * @author Gage Farmer
13  *
14  */
15 public final class FilterFileStdJava {
16
17     /**
18      * Private constructor so this utility class cannot be instantiated.
19      */
20     private FilterFileStdJava() {
21     }
22
23     /**
24      * Main method.
25      *
26      * @param args
27      *      the command line arguments: input-file-name output-file-name
28      * @throws IOException
29      */
30     public static void main(String[] args) throws IOException {
31
32         String infile = args[0];
33         String outfile = args[1];
34         String filterfile = args[2];
35
36         BufferedReader in = new BufferedReader(new FileReader(infile));
37         PrintWriter out = new PrintWriter(new BufferedWriter(new FileWriter(outfile)));
38         BufferedReader inFilter = new BufferedReader(new FileReader(filterfile));
39
40         java.util.Set<String> filter = new HashSet<String>();
41         String temp = inFilter.readLine();
42
43         while (temp != null) {
44             temp.toLowerCase();
45             filter.add(temp);
46             temp = inFilter.readLine();
47         }
48
49         String line = in.readLine();
50         String[] list;
51
52         while (line != null) {
53             list = line.split(" ");
54
55             for (int idx = 0; idx < list.length; idx++) {
56                 String item = list[idx];
57                 String itemDouble = null;
```

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58
59         if (idx != 0) {
60             itemDouble = list[idx - 1] + " " + list[idx];
61         }
62
63         if (filter.contains(item)) {
64             out.print(item + "\n");
65         } else if (filter.contains(itemDouble)) {
66             out.print(itemDouble + "\n");
67         }
68     }
69
70     line = in.readLine();
71 }
72
73 in.close();
74 out.close();
75 }
76 }
77
```