

```
1 // foj/examples/Reverse.java
2 //
3 //
4 // Copyright 2003 Bill Campbell and Ethan Bolker
5
6 import java.util.ArrayList;
7
8 /**
9  * Reverse the order of lines entered from standard input.
10  */
11
12 public class Reverse
13 {
14
15     /**
16      * Read lines typed at the terminal until end-of-file,
17      * saving them in an ArrayList.
18      *
19      * Then print the lines in reverse order.
20      */
21
22     public static void main( String[] args )
23     {
24         Terminal t = new Terminal();
25         ArrayList list = new ArrayList();
26         String line;
27
28         while ((line = t.readLine()) != null ) {
29             list.add(line);
30         }
31
32         for (int i = list.size()-1; i >= 0; i--) {
33             line = (String)list.get(i);
34             t.println( line );
35         }
36     }
37 }
```