```
 1   // joi/7/juno/TypeCommand.java
 2   //
 3   //
 4   // Copyright 2003, Bill Campbell and Ethan Bolker
 5
 6   import java.util.*;
 7
 8   /**
 9    * The Juno shell command to display the contents of a
10    * text file.
11    * Usage:
12    * <pre>
13    *     type textfile
14    * </pre>
15    *
16    * @version 7
17    */
18
19   public class TypeCommand extends ShellCommand
20   {
21       TypeCommand()
22       {
23           super( "display contents of a TextFile", "textfile" );
24       }
25
26       /**
27        * Display the contents of a TextFile.
28        *
29        * @param args the remainder of the command line.
30        * @param sh the current Shell
31        *
32        * @exception JunoException for reporting errors
33        */
34
35       public void doIt( StringTokenizer args, Shell sh )
36           throws JunoException
37       {
38           String filename;
39           try {
40               filename = args.nextToken();                          // EEE
41           }
42           catch (NoSuchElementException e) {                        // EEE
43               throw new BadShellCommandException( this );           // EEE
44           }
45           try {
46               sh.getConsole().println(
47                   (TextFile) sh.getDot().
48                   retrieveJFile( filename ) ).getContents());       // EEE
49           }
50           catch (NullPointerException e) {                          // EEE
51               throw new JunoException( "JFile does not exist:"      // EEE
52                   + filename);                                      // EEE
53           }
54           catch (ClassCastException e) {                            // EEE
55               throw new JunoException(                              // EEE
56                   "JFile not a text file: "                         // EEE
```

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57                   + filename);                                      // EEE
58           }
59       }
     }
```