```java
 1: // $Id: echotext.java,v 1.2 2012-05-31 22:16:50-07 - - $
 2:
 3: //
 4: // Text input field.  Brings up a text field with some initializtion.
 5: // Edit the field.  At CR, a debug message is printed to stdout.
 6: // The program is killed with ^C in the xterm or a kill command.
 7: //
 8:
 9: import java.awt.*;
10: import java.awt.event.*;
11: import javax.swing.*;
12: import static java.lang.System.*;
13:
14: class echotext {
15:
16:     static class echo implements ActionListener {
17:         public void actionPerformed (ActionEvent event) {
18:             JTextField source = (JTextField)event.getSource ();
19:             String text = source.getText ();
20:             try {
21:                 double number = Double.parseDouble (text);
22:                 out.printf ("number = %g%n", number);
23:             }catch (NumberFormatException exn) {
24:                 out.printf ("text = \"%s\"\n", text);
25:                 if (text.length () == 0) exit (0);
26:             }
27:         }
28:     }
29:
30:     public static void main (String[] args) {
31:         JFrame frame = new JFrame ("TextInput");
32:         Container pane = frame.getContentPane ();
33:         JTextField input = new JTextField ("Edit this text then <CR>");
34:         echo listener = new echo ();
35:         input.addActionListener (listener);
36:         pane.add (input);
37:         frame.pack ();
38:         frame.setLocation (256, 256);
39:         frame.setSize (256, 64);
40:         frame.setVisible (true);
41:     }
42:
43: }
44:
```