```
 1  package rolodex;
 2
 3  import javax.swing.*;
 4  import java.awt.*;
 5  import java.awt.event.*;
 6
 7  /****
 8   *
 9   * Class OKFindButtonListener is attached to the OK button in the find card
10   * dialog.  It is an example of referential transparency of design.  See the
11   * documentation for the <a href="OKAddButtonListener.html">
12   * OKAddButtonListener </a> for discussion of the concept of referential
13   * transparency in an object-oriented design.
14   *
15   */
16
17  public class OKFindButtonListener implements ActionListener {
18
19      /**
20       * Construct this with the given rolodex model and parent dialog view and
21       * grandparent rolodex view.  Access to the model is for calling its find
22       * function.  Access to the parent dialog is for gathering data to be sent
23       * to Rolodex.find.  Access to the grandparent view is for reporting
24       * input error messages.  See the specs of actionPerformed below for
25       * further discussion.
26       */
27      public OKFindButtonListener(Rolodex r, RolodexMenuUI rmui,
28              FindCardDialog fcd, FoundCardsDialog fcsd) {
29          this.r = r;
30          this.rmui = rmui;
31          this.fcd = fcd;
32          this.fcsd = fcsd;
33      }
34
35      /**
36       * Respond to a press of the OK button by calling Rolodex.find.  The card
37       * id sent as the parameter to find is gathered from the JTextField in
38       * the parent find dialog.
39       */
40      public void actionPerformed(ActionEvent e) {
41
42          CardList cl = r.find(new Name(fcd.getName()));
43
44          if (cl.size() == 0) {
45              rmui.showNoFoundDialog();
46          }
47          else {
48              rmui.showFoundDialog();
49              fcsd.showResults(cl);
50          }
51
52      }
53
54      /** The companion model */
55      protected Rolodex r;
56
57      /** The grandparent view */
58      protected RolodexMenuUI rmui;
59
60      /** The parent view */
61      protected FindCardDialog fcd;
62
63      /** The sibling view */
64      protected FoundCardsDialog fcsd;
65
66  }
```