```
 1  package rolodex;
 2
 3  import javax.swing.*;
 4  import java.awt.*;
 5  import java.awt.event.*;
 6
 7  /****
 8   *
 9   * Class CancelAddButtonListener is attached to the Cancel button in the add
10   * card dialog.  It is an example of referential transparency of design.  See
11   * the documentation for <a href="OKAddButtonListener.html">
12   * OKAddButtonListener </a> for further discussion of referential transparency.
13   *
14   */
15
16  public class CancelAddButtonListener implements ActionListener {
17
18      /**
19       * Construct this with the given grandparent rolodex view.  Access to the
20       * grandparent view is for the purposes of effecting the cancellation,
21       * which in terms of the view means to replace the add card dialog with an
22       * empty data entry area.  Note that no model access is necessary in this
23       * button since pressing this has no effect on the rolodex, only on the
24       * rolodex view.
25       */
26      public CancelAddButtonListener(RolodexMenuUI rmui) {
27          this.rmui = rmui;
28      }
29
30      /**
31       * Respond to a press of this button by calling
32       * RolodexMenuUI.showEmptyDialog.
33       */
34      public void actionPerformed(ActionEvent e) {
35          rmui.showEmptyDialog();
36      }
37
38      /** The lexical grandparent view */
39      protected RolodexMenuUI rmui;
40
41  }
```