```
 1  package rolodex;
 2
 3  import javax.swing.*;
 4  import java.awt.*;
 5  import java.awt.event.*;
 6  import mvp.*;
 7
 8  /****
 9   *
10   * Class FoundCardsButtons is a view containing OK, Next, Previous, and Done
11   * buttons for the found card dialog.
12   *
13   */
14
15  public class FoundCardsButtons extends View {
16
17      /**
18       * Construct this with the given inputs.  The given Rolodex is the
19       * companion model; the given found cards dialog is the immediate view
20       * parent; the given rolodex menu ui is the view grandparent.  One of the
21       * view pointers is passed to the buttons contained in this.  See the
22       * button constructor specs below for further discussion.
23       */
24      public FoundCardsButtons(Rolodex r, FoundCardsDialog fcd,
25              RolodexMenuUI rmui) {
26          super(null, r);
27          ncbl = new NextCardButtonListener(fcd);
28          pcbl = new PreviousCardButtonListener(fcd);
29          dfbl = new DoneFindButtonListener(rmui);
30      }
31
32      /**
33       * Compose this by inserting the buttons into a horizontal box.
34       */
35      public void compose() {
36
37          JButton jb;                     // Temp button var.
38
39          /*
40           * Make the widget of this a horizontal box.
41           */
42          widget = b = new Box(BoxLayout.X_AXIS);
43
44          /*
45           * Enter the buttons into the box, delimited with struts.  Set the
46           * specialized action listener for each button.
47           */
48          b.add(Box.createHorizontalStrut(20));
49          b.add(next_button = new JButton("Next Card"));
50          next_button.addActionListener(ncbl);
51
52          b.add(Box.createHorizontalStrut(20));
53          b.add(prev_button = new JButton("Previous Card"));
54          prev_button.addActionListener(pcbl);
55
56          b.add(Box.createHorizontalStrut(20));
57          b.add(jb = new JButton("Done"));
58          jb.addActionListener(dfbl);
59
60          b.add(Box.createHorizontalStrut(20));
61      }
62
63      /**
64       * Set the enabled state of the Next and Prevous buttons to the given
65       * boolen value.  This function is used to disable Next and Previous if
66       * only one card is found.
67       */
68      public void setNextPrevEnabled(boolean b) {
69          next_button.setEnabled(b);
70          prev_button.setEnabled(b);
71      }
72
73      /** Containing box for the buttons. */
74      protected Box b;
75
76      /** Next button; stored as data member for enabling/disabling. */
77      JButton next_button;
78
79      /** Prevous button; stored as data member for enabling/disabling. */
80      JButton prev_button;
81
82      /** Next button listener */
83      protected NextCardButtonListener ncbl;
84
85      /** Previous button listener */
86      protected PreviousCardButtonListener pcbl;
87
88      /** Done button listener */
89      protected DoneFindButtonListener dfbl;
90
91  }
```