```
 1  package rolodex;
 2
 3  import mvp.*;
 4
 5  /****
 6   *
 7   * Class Main contains the main Java function for the Rolodex system.  It
 8   * constructs instances of the model, view, and process classes for the Rolodex
 9   * and gives control to the view, which will manage communication with the end
10   * user.
11   *                                                                          <p>
12   * This is an initial implementation for GUI testing purposes, with no process
13   * classes yet defined.
14   *
15   */
16
17  public class MultiViewMain {
18
19      /**
20       * Construct models, construct views, compose views, and fire the pupply
21       * up.
22       */
23      public static void main(String[] args) {
24          Screen s;                       // The GUI screen
25          RolodexTool rt;                 // The top-level Rolodex model
26          RolodexMultiViewMenuUI rui;     // The top-level Rolodex view
27
28          /*
29           * Construct the GUI screen, thereby initializing the GUI system.  In
30           * this Java-based implementation, the GUI screen is managed entirely
31           * by the Java runtime environment, so the only thing to do in the way
32           * of screen construction is to set its look and feel, if desired.  In
33           * other GUI toolkits, screen construction may involve more substantial
34           * work.
35           */
36          s = new Screen();
37
38          /*
39           * Construct the top-level Rolodex model.  It will in turn construct
40           * all subsidiary model classes and the data objects they require.
41           * Note that the view parameter is null, since the view has not yet
42           * been constructed.  After it is, we call the rt.setView method, which
43           * is inherited from class Model.
44           */
45          rt = new RolodexTool(null);
46
47          /*
48           * Construct and compose the Rolodex Tool view.  Compose will lay out
49           * all GUI components, including dialogs that appear during the course
50           * of user interaction.
51           */
52          rui = new RolodexMultiViewMenuUI(s, rt);
53          rui.compose();
54
55          /*
56           * Store the view in the model to enable two-way communication between
57           * the model and the view.
58           */
59          rt.setView(rui);
60
61          /*
62           * Display the top-level view window on the UI screen.
63           */
64          rui.show();
65
66          /*
67           * In Java, no call to View.run is necessary, since showing any window
68           * on the screen automatically starts the event loop.  The program
69           * subsequently exits when the System.exit function is called, e.g.,
70           * in response to the user choosing the File Quit menu item.
71           */
72
73      }
74
75  }
```