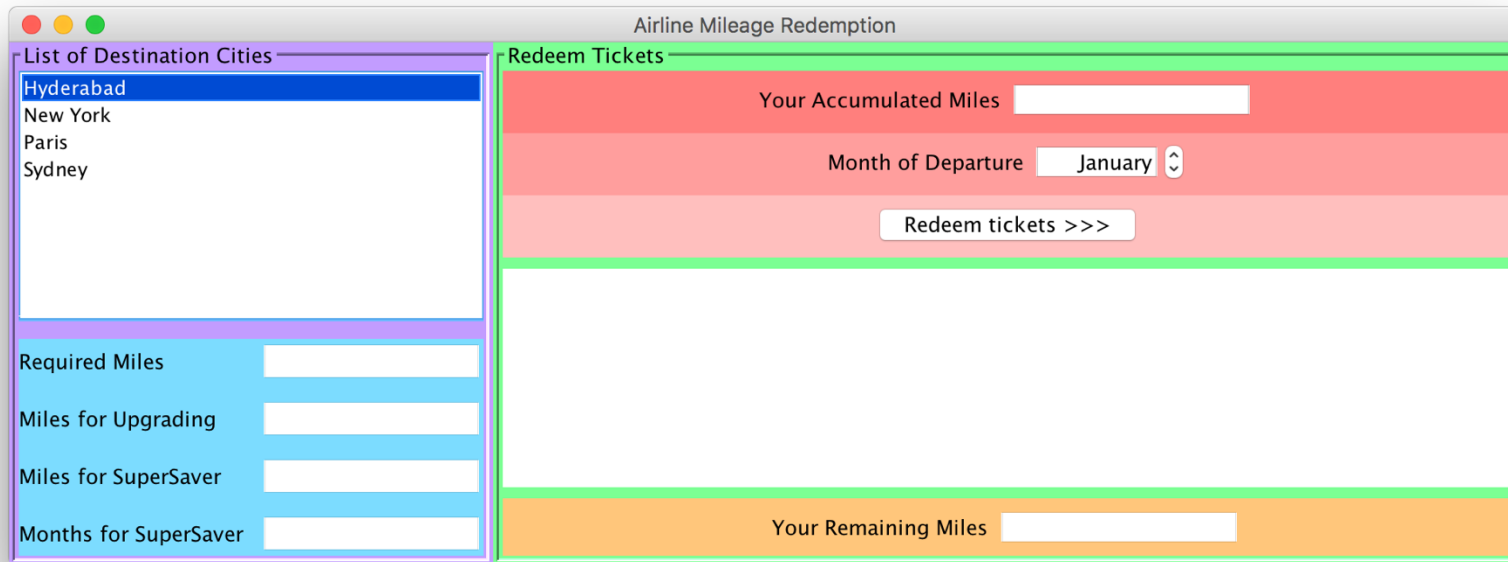


Assignment 2 Layout Hints

Here is one possible way to create the layout for Assignment 2 using nothing but the `BorderLayout`, `GridLayout`, and `FlowLayout` layout managers. Your own application's layout does not need to match what is shown here precisely, and you are welcome to implement it in an entirely different fashion if you prefer (using something like `GridBagLayout` or `GroupLayout`, for example).



- **Content Pane:** The `JFrame`'s content pane uses a `BorderLayout`. The `JFrame` is 950 x 350.
- **Panel 1 (purple panel on the left):** A `JPanel` added to the content pane's `BorderLayout.LINE_START` region. This panel uses a `BorderLayout` with the `hgap` and `vgap` set to 11.
- The `JList` on the upper left is inside a `JScrollPane` added to Panel 1's `BorderLayout.PAGE_START` region. The `visibleRowCount` for the list has been set to 9 and the `fixedCellWidth` has been set to 5.
- **Panel 2 (green panel on the right):** A `JPanel` added to the content pane's `BorderLayout.CENTER` region. This panel uses a `BorderLayout` with the `hgap` and `vgap` set to 7.

- **Panel 3 (light blue panel on the lower left):** A `JPanel` added to Panel 1's `BorderLayout.CENTER` region. This panel uses a `GridLayout` with four rows and two columns, an `hgap` of 10 and a `vgap` of 8.
- **Panel 4 (behind the three red panels on the upper right):** A `JPanel` added to Panel 2's `BorderLayout.PAGE_START` region. This panel uses a `GridLayout` with three rows and one column. Note that this panel is completely hidden by Panels 5, 6, and 7.
- **Panels 5, 6, and 7 (red panels on the upper right):** Each of these `JPanel` objects uses a `FlowLayout`.
- The `JTextArea` on the middle right was added to Panel 2's `BorderLayout.CENTER` region. The text area has 8 rows and 40 columns. I didn't bother putting it inside a `JScrollPane`.
- **Panel 8 (orange panel on the lower right):** A `JPanel` added to Panel 2's `BorderLayout.PAGE_END` region. This panel uses a `FlowLayout`.