Constructing the GUI Layout for Assignment 2

1. Set a BorderLayout for the JFrame. Create two JPanels with BorderLayouts and add them to the WEST and EAST regions of the JFrame's layout:

JPanel with
BorderLayout in
BorderLayout.WEST
Of JFrame

JPanel with
BorderLayout in
BorderLayout.EAST
Of JFrame

2. Add your JList inside a JScrollPane to the NORTH region of the left JPanel. A visibleRowCount of 10 and a fixedCellWidth of 350 for the JList should make it roughly the correct size.

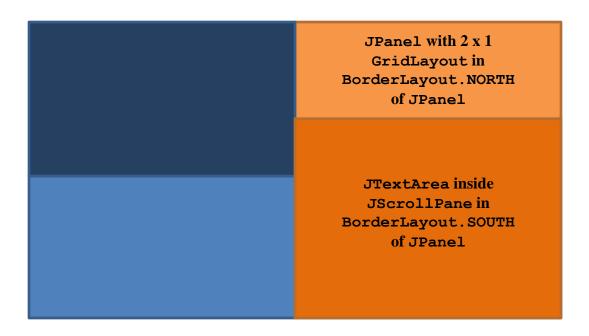
Add a JPanel with a 5 row by 2 column GridLayout to the SOUTH region of the left JPanel. The various JLabels and JTextFields to display game statistics may then be added to this panel.

JList inside
JScrollPane in
BorderLayout.NORTH
of JPanel

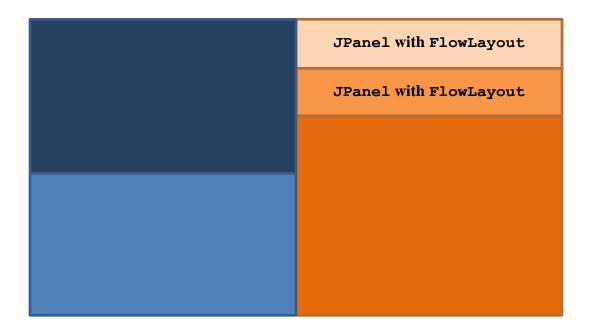
JPanel with 5 x 2
GridLayout in
BorderLayout.SOUTH
of JPanel

3. Add a JPanel with a 2 row by 1 column GridLayout to the NORTH region of the right JPanel.

Add your JTextArea **inside a JScrollPane** to the SOUTH region of the left JPanel. 15 rows by 35 columns for the JTextArea should make it roughly the correct size.



4. Add two JPanels with FlowLayouts to the top right JPanel. The various JLabels, JButtons, and the JComboBox for selecting the computer's strategy may then be added to these panels.



5. Call frame.pack() to set the application's window to the size dictated by the preferred sizes of the various GUI components. Alternatively, you can experiment with different values for frame.setSize().