



JFrame

Main

main: displays its Exam2Frame

Exam2Frame

size: 900 x 700
 title: "Exam 2 Frame"
 default close operation: EXIT_ON_CLOSE
 layout manager: FlowLayout

Exam2Frame: sets its characteristics (size, title, default close operation and layout manager) and adds its 4 panels

CyanPanel

size: 800 x 300
 color: CYAN
 layout manager: FlowLayout
 tool tip: "This is a CYAN panel"

CyanPanel: sets its characteristics (size, color, layout manager and tool tip) and arranges for a mouse-click to cause ALL the LIGHT_GRAY panels on this CYAN panel to change color as if they had been clicked themselves.

YellowPanel

size: 200 x 300
 color: YELLOW
 layout manager: FlowLayout
 tool tip: "This is a YELLOW panel"

YellowPanel: sets its characteristics (size, color, layout manager and tool tip)

PinkPanel

size: 400 x 300
 color: PINK
 layout manager: FlowLayout
 tool tip: "This is a PINK panel"

PinkPanel: sets its characteristics (size, color, layout manager and tool tip)

JPanel

BluePanel

size: 100 x 100
 color: BLUE

LightGrayPanel

size: 50 x 50
 color: LIGHT_GRAY initially

Clicking this panel changes its color to RED, unless it already was RED, in which case it changes it to LIGHT_GRAY. (So repeated clicking toggles the color back and forth between RED and LIGHT_GRAY.)

MouseListener

WhitePanel

color: WHITE initially

Clicking in this panel:

- Changes its color like a LightGrayPanel changes its color (i.e. clicking in this panel changes its color to RED unless it is already RED, in which case clicking in this panel changes its color to LIGHT_GRAY).
- Changes the background color of its CyanPanel to GREEN.
- Makes its LightGrayPanel in the leftmost YellowPanel behave as if it were clicked.

JPanel

MouseListener