Video Name: GUI2

Topics:

- ActionListener/actionPerformed
- JOptionPane

Java Class(es): package gui, MyFirstGUI

Class that responds to events must implement the interface ActionListener. This interface includes just one method, named actionPerformed.

One option for the location of that class is as an inner class (i.e., within the class definition, but not inside any method).

Must remember to attach the listener to the component, using addActionListener.

JOptionPane has 3 options:

- JOptionPane.showMessageDialog(parent, message); parent parameter determines where dialog will display. Can use null for parent, to just be centered. OR, can create a variable that represents the JFrame, and use that to center the message over the JFrame.
- JOptionPane.showInputDialog(prompt); Returns a string (use wrapper class parse functions if need to convert, e.g., Integer.parseInt).
- JOptionPane.showConfirmDialog(parent, prompt); Dialog with Yes/No/Cancel. Returns a static int, such as JOptionPane.YES_OPTION.