Learn to build apps

Calculator
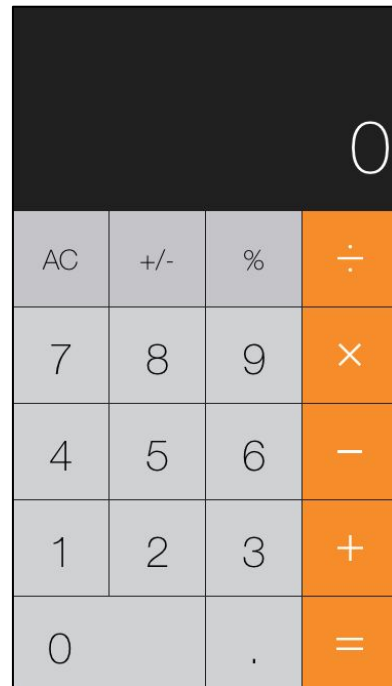
Calculator

Objective: To create a simple calculator app in the style of the iOS calculator app

In doing this, you will learn more about creating LiveCode apps including:
- how to add images to buttons
- how to reuse code
- how to store information
- how to do a calculation
- how to make decisions and do different things depending on a condition

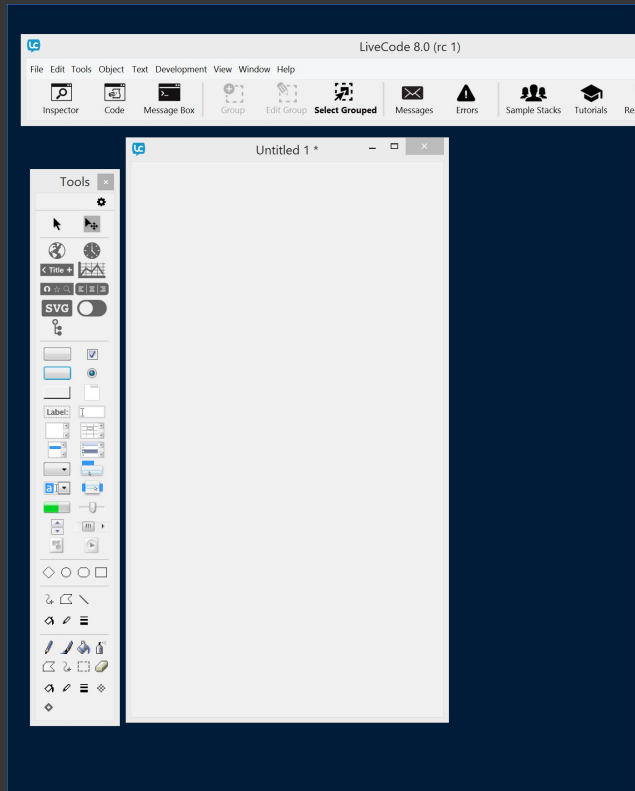|			
0			
AC	+/-	%	÷
7	8	9	×
4	5	6	−
1	2	3	+
0		.	=

Resources

Before we go any further, make sure you have downloaded any required resources for the app. You will find these in the "Resources" folder. Make sure you do this before starting to do the steps for each app. It is up to you whether you want to download the stacks and videos too.

The Calculator Stack

As with the Simple Messages app, the first step is to create a new stack.

1. In the menu bar, select "File"
2. In the File menu, select "New Mainstack"
3. Select iPhone 6 (375x667)

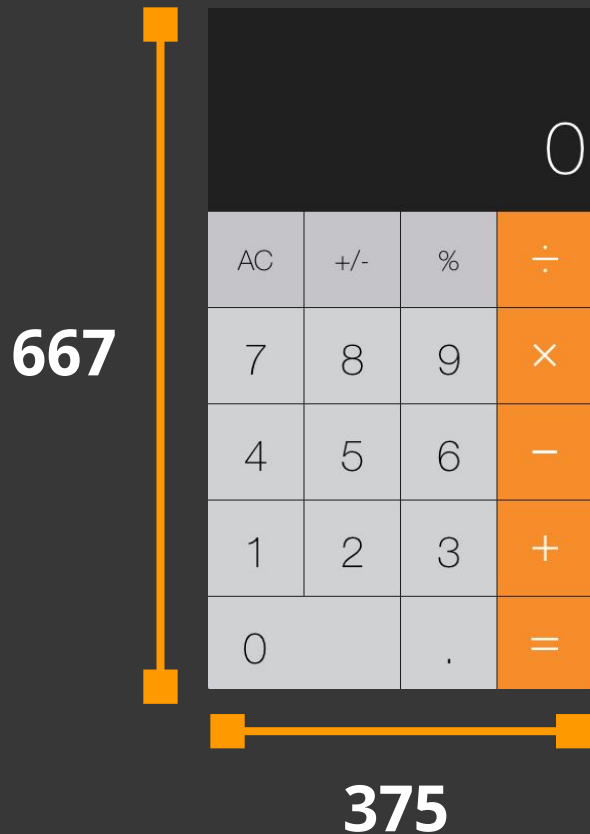This stack will become your first app.

Stack Properties

As before, we set certain properties of the stack before continuing:

- the stack name
- the stack title
- the stack size
- the stack font

We also want to set the name property of the card to "Calculator".

Don't forget, open the Property Inspector for the current Stack and the current Card in the "Object" menu!

667

375

5

Setting Stack Properties

Pane	Property	Value
Basic Properties	Name	Calculator
Basic Properties	Title	Calculator
Size & Position	Resizable	False
Text Formatting	Font	Helvetica Neue Thin (Mac) Roboto Light (Windows)