Lab Exercises

Variables
Create a composition that scales with different window sizes.
   Put different values into size() to test.
Use a single variable to set the position and size for three ellipses.
Create a few relational expressions.
   Print evaluations to the console with println().
   Combine relational expressions using && and ||.

Conditionals
Create a composition with a series of lines and ellipses that changes depending on the size of the display window.
   Use an if structure to select which lines of code to run based on width and height.
   Use the size() function to test the code.
   Try adding an else to the code to change which code is run.
   Try adding some logical operators to change which code is run.

Vertices
Draw a shape of your own design using a for loop to create the vertices.
Use different parameters for beginShape() to change the way a series of vertices are drawn.
Draw a complex curved shape of your own design using bezierVertex().

Vertices
Use HSB colour space and a for structure to design a gradient between two colours.