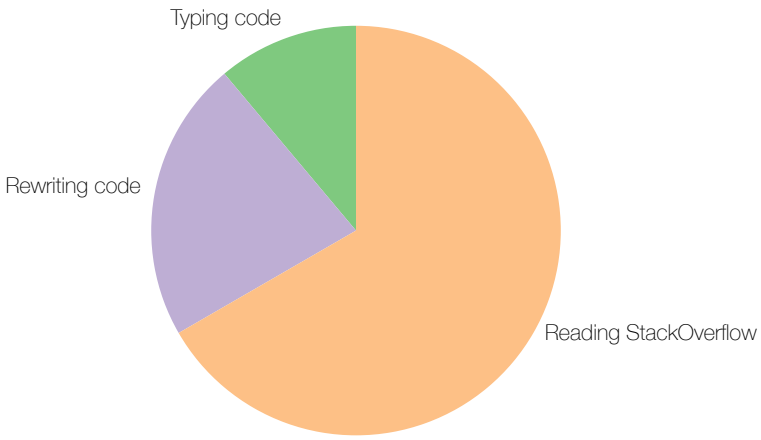
Homework 4: Radial displays and grouped elements

"Make your visualizations win design awards," I say. "But make sure your classwork and homework are REALLY ugly." Let's change that this time!

There are **multiple hints** for each graphic inside of the 'hints' directory.

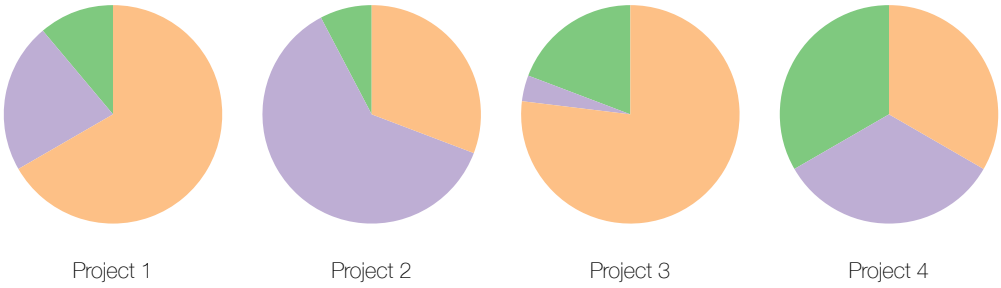
1. A simple, centered pie chart

For this one you'll also need to add labels, which involves a second arc that you use to position the text. This arc can be larger or smaller depending on where you'd like the labels to be. You can see some code that you can use for inspiration right here.



2. Pie chart, small multiples

Same as above, but small multiples'd. You don't need to label the wedges.



3. Fixed-wedge size pie

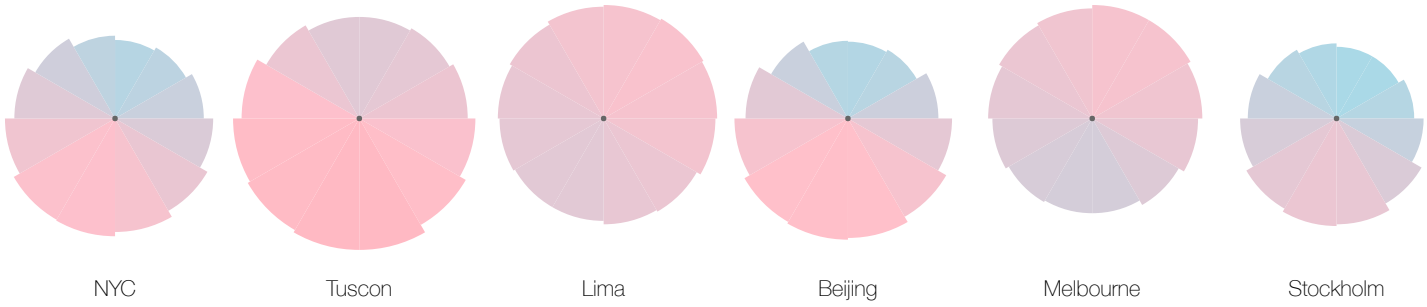
Every wedge in the pie gets the same width, so even though you use the pie generator, you're going to set value to always be 1/12 - that way each slice takes up 1/12th of the entire pie.

To make the arcs larger or smaller you'll need to edit something else.

NYC high temperatures, by month

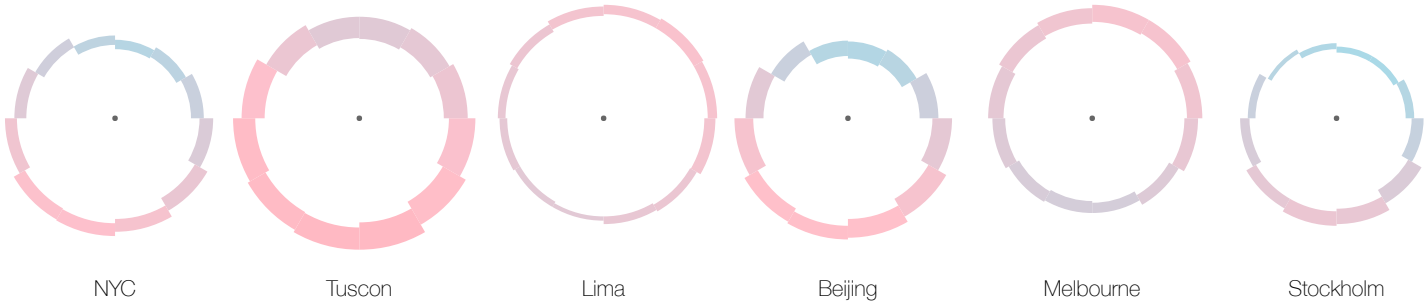
3b. Small multiples of Chart 3

Now you'll just have to re-use your code to distribute it across the x axis.



3c. Chart 3, also showing the minimum temperature for each month

Isn't this getting fun?



4. Radial area charts

We've done area charts and we've done radial charts, so you're going to put the two concepts together and build **radial area charts**. Instead of y0 and y1 you need to provie something else...

If you'd like to read the documentation it's radialArea (of course).

5. Radial area charts, small multiples

You've made it so far, great work.