Lab 1: Getting Started with RStudio and Markdown

The goals of this lab are very practical:

1. learn where to find the labs (you have succeeded!)
2. login to the RStudio server (success again!)
3. create your first empty RMarkdown file
4. knit it
5. then modify it
6. knit again
7. download pdf and submit to gradescope

Please make the following modifications to your lab file. Be sure to knit it after every step to see what changed.

1. Add `author: Your Name` on a new line within the header.

2. Delete everything after the header.

3. Add a new title `## My Home County: {homecounty, state}`. If you're from abroad, instead use `## Where I'd like to visit: {county, state}`.

4. Copy and paste the first few paragraphs from that county's Wikipedia page (the bit before the "Contents" section) into the Rmd and remove any weird formatting.

5. Use the button at the top of the Rmd to insert a chunk and then copy the following code into it. Modify the `"CA"` to be the two letter abbreviation of your state and modify `"Alameda"` to be the name of your county. Leave the rest unchanged.

```
library(tigris)
library(tidyverse)

counties("CA") %>%
    filter(NAME == "Alameda") %>%
    ggplot() +
    geom_sf()
```

Make one final knit, be sure you're happy with your report, then download it to your computer and upload it to gradescope.