MAP WRANGLING LAB

In this lab you will change the dataset that is being depicted in a D3 chloropleth visualization. Take a minute to look through the files that you've been given.

We will be using actual TSV files (time to take the diapers off!), so you will need to be running a local server in order to load a TSV file into your `openMe.html`.

(If you do not understand why this is, try simply opening `openMe.html` in your browser and read the error you get. If you don't understand what that error means, Google it. If you're still not sure, come and ask me.)

One way of running a local server is with Python's SimpleHTTPServer. To spin up a server, open your command prompt, navigate to your unzipped lab folder, and run the SimpleHTTPServer command. This will look something like:

```
$ cd Desktop/MapLab
$ ls
   tsv            openMe.html
   js
$ python -m SimpleHTTPServer
   Serving HTTP on 0.0.0.0 port 8000 ...
```

Now, open your browser and enter `http://localhost:8000/openMe.html` as the url. You should see a chloropleth depicting unemployment rates. In your `openMe.html`, you'll see that the map is pulling from `unemployment.tsv`. Your task is to use the same map to depict data from `drought.tsv`.

YOU ARE NOT ALLOWED TO MAKE ANY CHANGES TO DROUGHT.TSV

So help me god, if you change that file I will *lose* it! You should only be adding code to `openMe.html`. Here are some other things that you should be doing:

- Look at both `unemployment.tsv` and `drought.tsv` and see how they're structured (hint: there is a field that appears in both files).
- Go to the US Drought Monitor site to figure out what the columns in `drought.tsv` mean: `http://droughtmonitor.unl.edu/MapsAndData/DataTables.aspx`
- Think about how much you *love* this class!
- Think about whether blue is an appropriate color scheme for depicting drought information (hint: it's not).
- You have multiple columns in `drought.tsv` as opposed to just one in `unemployment.tsv`. Think about how you can combine columns, add mappings, utilize tooltips and interaction.
- Remember that having a map that is interpretable is far more important than cramming every piece of data in at once.
- Come up with a new title (maybe a subtitle too!) that helps users understand what they're looking at.

Depicting a single column of data from `drought.tsv` in your chloropleth requires minimal code changes. Start there, then move on to incorporating other columns, changing the color scheme, etc. If you have extra time, take a closer look at how D3 is actually generating that map.