Problems:

I tried using Postgres on 2 different computers. It just would not work on the first and kept giving errors. On the second I was able to get it working right after downloading and set up a server to run.

Following the Augur setup instructions is not an easy task

source $HOME/.virtualenvs/augur\_env/bin/activate

does not work

source $HOME/.virtualenvs/augur\_env/Scripts/activate

did work though

make install does not work and I am stuck there

I spent many hours and tried a few different methods but was unable to get augur running on the server

Goals:

Set up Postgres server:

Completed

Run Augur on server:

In progress

Compare codes using python:

Read in codes:

Read in code files so that their contents may be read and worked with

**Done**

Compare lines for similarities:

See if lines matchup between the files

**Done**

See what lines were moved:

If a line from the old file does not match up to the new one, then see if it still exists in new and where it was moved to.

**Done**

See what lines were added:

If a line does not match see if it matches any lines in the old code

**Done**

See what lines were removed:

If a line does not match, then see if it matches any lines in new code.

**Done**

I had no previous experience with python so had to teach myself how to write functions, declare variables, and understand general notation for the language.

It is very different from what I am used to programming but I was able to figure it out and get my concept working.

Ideally code is pulled from Augur through the API and codes are selected to be compared to one another following this process. Reading from a file may be a little different if the format of the file is so a bit of adjusting may be necessary.

Summary: I had to venture outside of my realm of knowledge and experience in many ways but was able to scope out and put into action what I had envisioned