Trends Project Spec

Develop a geographic visualization of Twitter data across the USA.

The map displayed that will be displayed depicts how the people in different states feel about California. This image is generated by:

1. Collecting public Twitter posts (Tweets) that have been tagged with geographic locations and filtering for those that contain the "cali" query term,
2. Assigning a sentiment (positive or negative) to each Tweet, based on all of the words it contains
3. Aggregating Tweets by the state with the closest geographic center
4. Coloring each state according to the aggregate sentiment of its Tweets. Yellow means positive sentiment; blue means negative.

This is a course project that uses only a small dataset of tweets. There are large datasets that the program can also visualize, but for the sake of demonstration, only a small text file of data is used.

To run the program:

```
python3 trends.py -f -m cali
```