Project 2:

* Need to make 3 views that are user-driven (ie. They select a dropdown or a checkbox to see the different layout)

Need to find a new JS library we didn’t cover

By Monday April 1: Look through the API and store into variables, get all data pulled out.

* Need to check the rates. Put a time.sleep function to watch out for it.

By Wednesday April 3: Play around with the maps and views using leaflet and mapbox

By Saturday April 6: Get everything done

**HTML base - Grace**

**Data we need**

* City, Latitude and Longitude
* PM2.5, PM10, Ozone(O3), NO2, SO2, CO, black carbon (BC)

Base url: <https://api.openaq.org/v1/measurements>

**Views**

* Maps:
  + Heatmap
    - PM2.5, PM10, Ozone(O3), NO2, SO2, CO, black carbon (BC)
  + Markers:
    - City, Element, Value
    - PM2.5, PM10, Ozone(O3), NO2, SO2, CO, black carbon (BC)
  + Timeline???
* Other Graphs:
  + Increasing/decreasing line graphs (over time in one location)
  + Bar graph of the different gases (in one location at one timepoint)