User Manual for the NA CO2 tracker:

Here is a quick guide on how to start using the application. If you already have Python 3.9.1 installed,skip to page 2.

Install Python

To be able to use this application you must have Python 3.9.1 or later installed along with numerous libraries.

To download Python, go to https://www.python.org/downloads/ .

Click download Python 3.9.1

Download the appropriate version of Python according to your operating system.

For Windows OS users, to find if your device is 32 or 64-bit, go to Systems, and then About. If it's 32-bit, click Windows installer(32-bit) and if it's 64-bit, click Windows installer(64-bit).

Once you click your appropriate version, click the file that pops up at the bottom of the screen as shown below and follow the steps of the Python installer. Python will be installed.
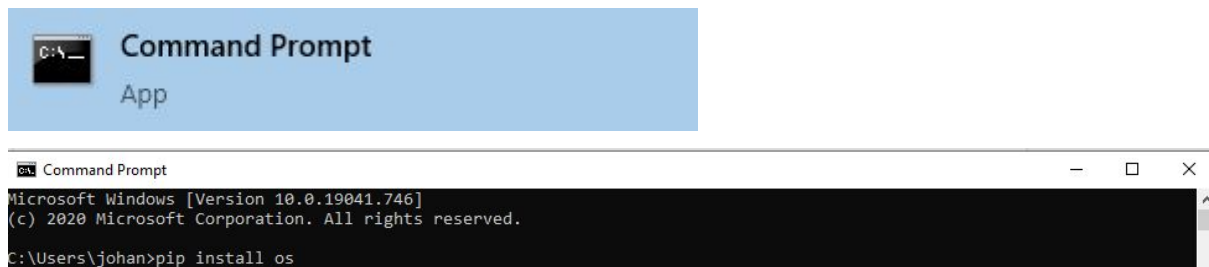
Install Libraries

For this application, various libraries are used. Here is the list of libraries you will be installing: os, tkinter, plotly-express, matplotlib, PIL, webbrowser, logging, kaleido 0.1.0.post1, numpy 1.19.5

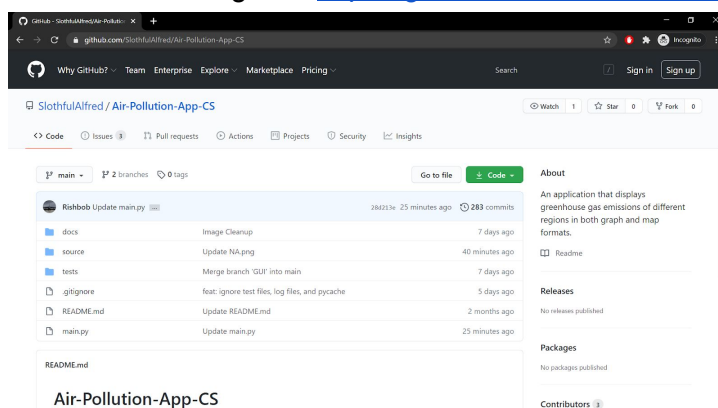In order to download them, go to your command prompt application and once loaded, enter:

"pip install (library)" for each of the libraries mentioned above. It will by default download the most recent version unless specified.
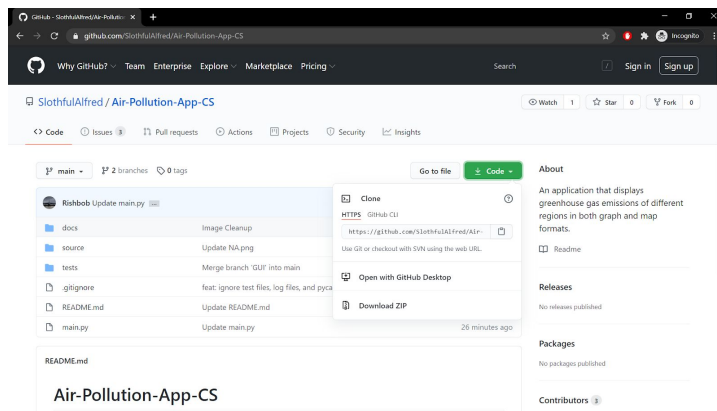

Now that you have set everything up, you are ready to download the application
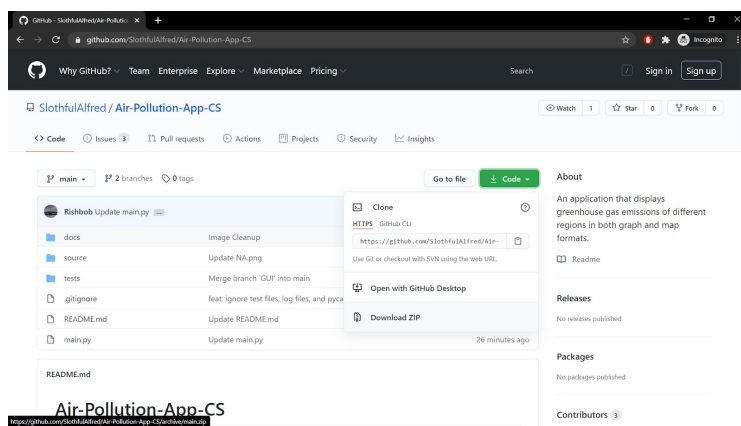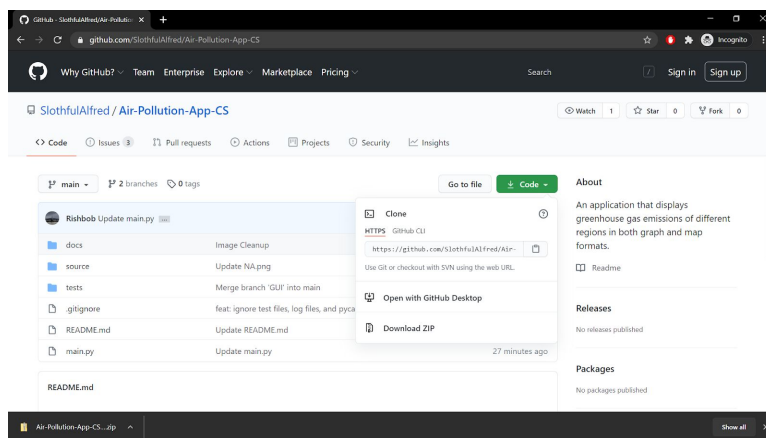
Install Application

Go to the following link: https://github.com/SlothfulAlfred/Air-Pollution-App-CS
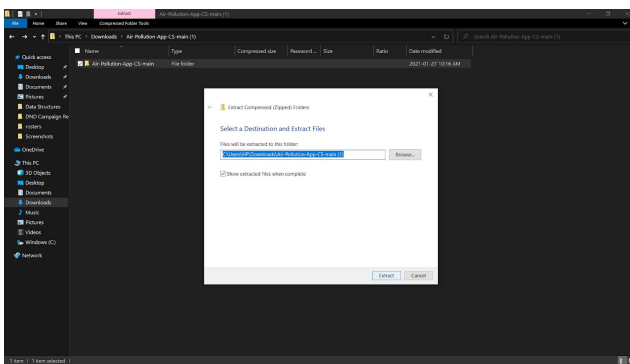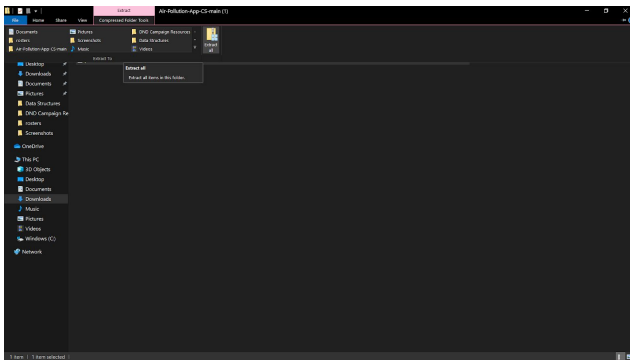
Click on "Code":

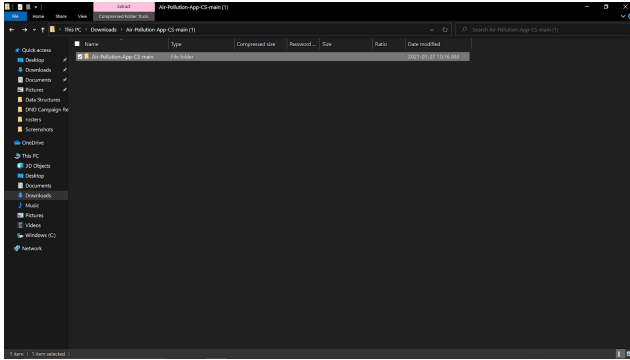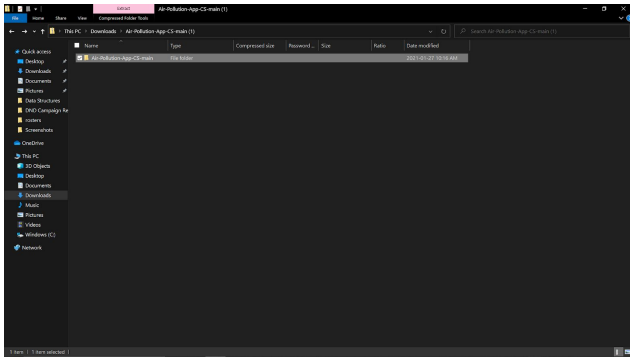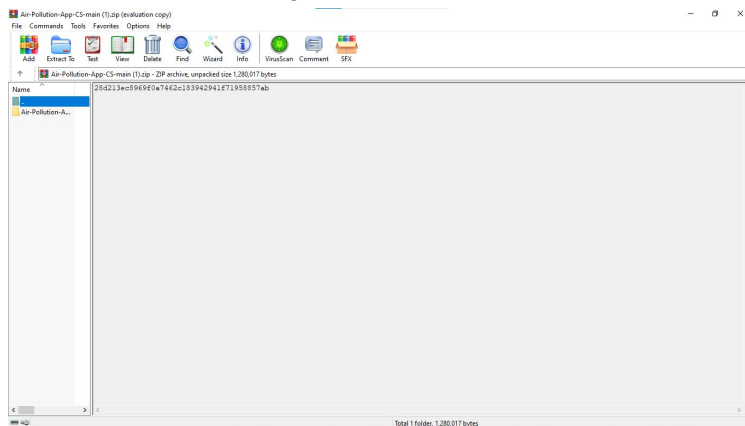Select "Download ZIP":

Click on the arrow on the folder that pops up at the bottom of your page and select "Show in folder"
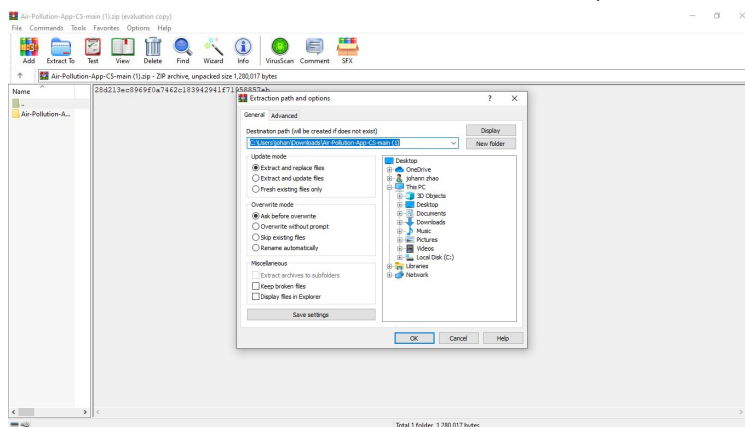

If you don't have a file compressor, it will open the folder in File Explorer. Follow the images underneath. If you do, skip these pictures to the subsequent text.
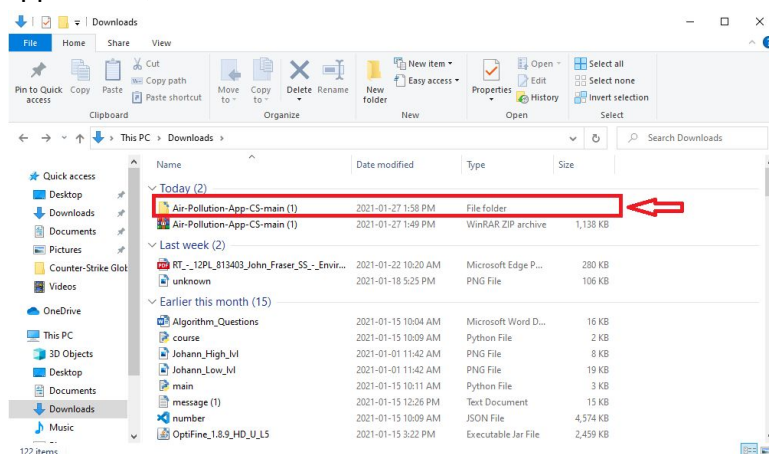
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If you have a file compressor/decompressor, that application will become a zip file as shown below. Follow the images underneath.
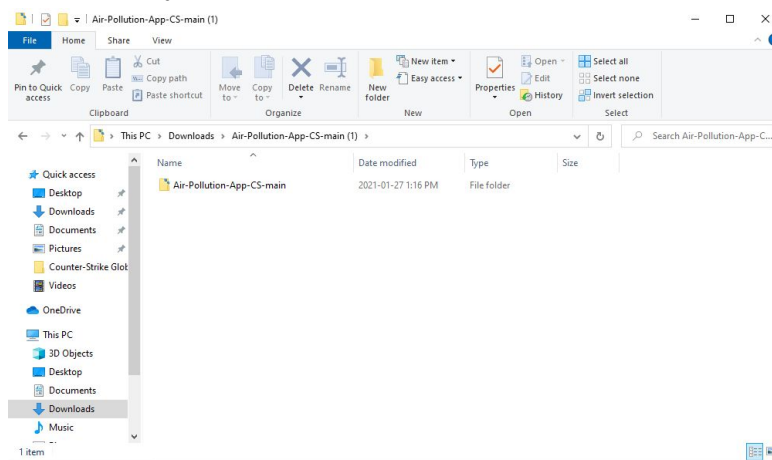

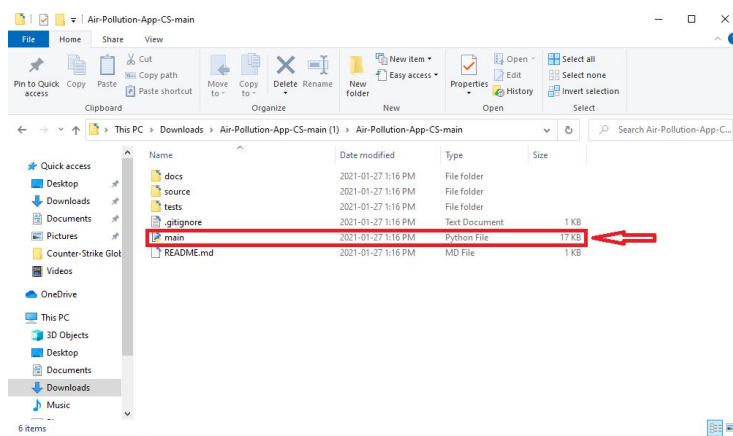Click the blue folder icon labelled "Extract To", and install it to your computer.

Once downloaded, go to your file explorer and go to the directory where you installed the application, click the folder that was downloaded/extracted. (Note: not the zipped folder)

Click the only folder shown

Click on the file named "main"

The home screen will appear.The application is ready to use!