**Methane Project todos/log**

* Set up dummy files for code to work on
* Make so filename is automatically created
* Make function to create pressure data from NOAA
* Access the dates and times that need to be added

**Log**

* **24.08.20**
  + Made new excel file (simon\_masters) to follow for inputting data
  + Made new excel file for r values with which to test
  + Make separate function for calculating chamber volume. Contatiner types:
    - Chamber
    - Chamber with collar
    - Bucket
  + Sample ID is created instead of T1…T2, simply add the start and stop times
  + Automatically clean files, delete everything after “BEGIN PGP MESSAGE”
* **02.09.20**
  + Confirmed that the files cleaned are correct
  + Moved “program run?” column to be first
  + Successfully scans “program run?” for “y”
  + Changed date format to yyyy-mm-dd
  + Naming convention for output files:
    - yyyy-mm-dd\_hh:mm:ss\_location\_collection-instrument
    - the hh:mm:ss is the START TIME
* **04.09.20**
  + Added “measurement devices” list
    - Devices: bucket, chamber,
  + Variables that need to be present and correct, otherwise the program will quit:
    - Date, start time, stop time
  + Made it so that it deletes the 00:00:00 present in the date frame
    - Achieved by pulling the date from the timestamp
  + Start and stop time have to be in the format hh:mm:ss, or program quits