Thermometer

In this section, you will take the hardware and software you have assembled to run the OLED and BME280 separately; and combine them together into into a new sketch that uses both of them to print the current temperature to the screen.

Lets start by making sure we have all the needed code files open and ready to go.

1) Open up the provided sketch of **Thermometer.ino**. This file is a template to help you start writing the Thermometer code.

2) Navigate back to the hour 2 code and open up the sketch **BME280.ino**

3) Navigate back to the hour 3 code and open up the sketch **OLED.ino**

With these files open, we can begin the process of merging our code for the final product.

Go line by line through the comments that are provided in the document. For each comment, you must implement a block of code that implements the described feature. For instance; if you encountered a comment like:

/* create a new variable of type integer with a value of 3 */

You might implement that comment by writing the following code underneath it:

int myNumber = 3;

Many of the comments you will implement by copy/pasting blocks of code from your existing sketches.