HOW TO..
Install Arduino Software

1. INTRODUCTION

This section describes in a diagram how to download and install Arduino on your computer.

2. INSTALLATION

2.1 Go to Arduino official website to know all the free resources it has available for you (tutorials, references, forum, and more).
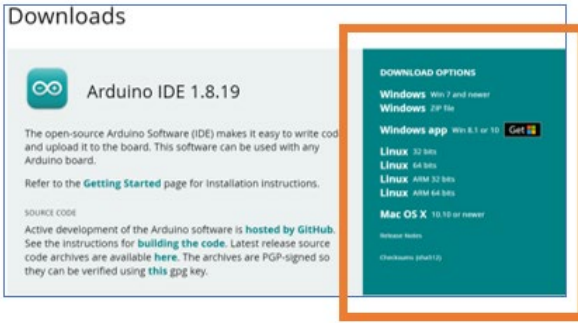
https://www.arduino.cc/

2.2 Download Arduino to your computer:

https://www.arduino.cc/en/main/software

and follow the next steps.
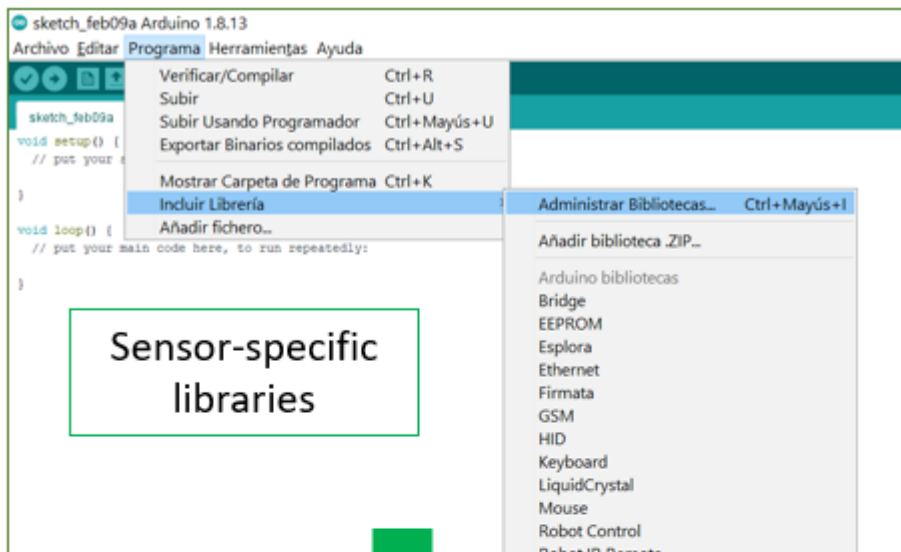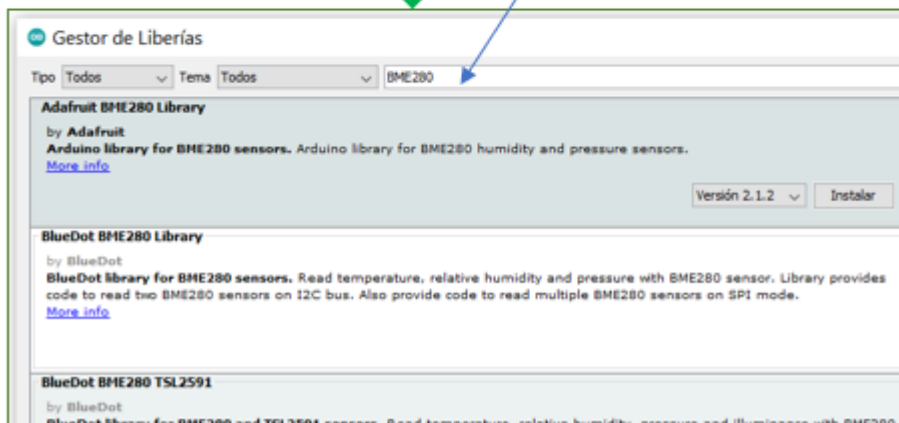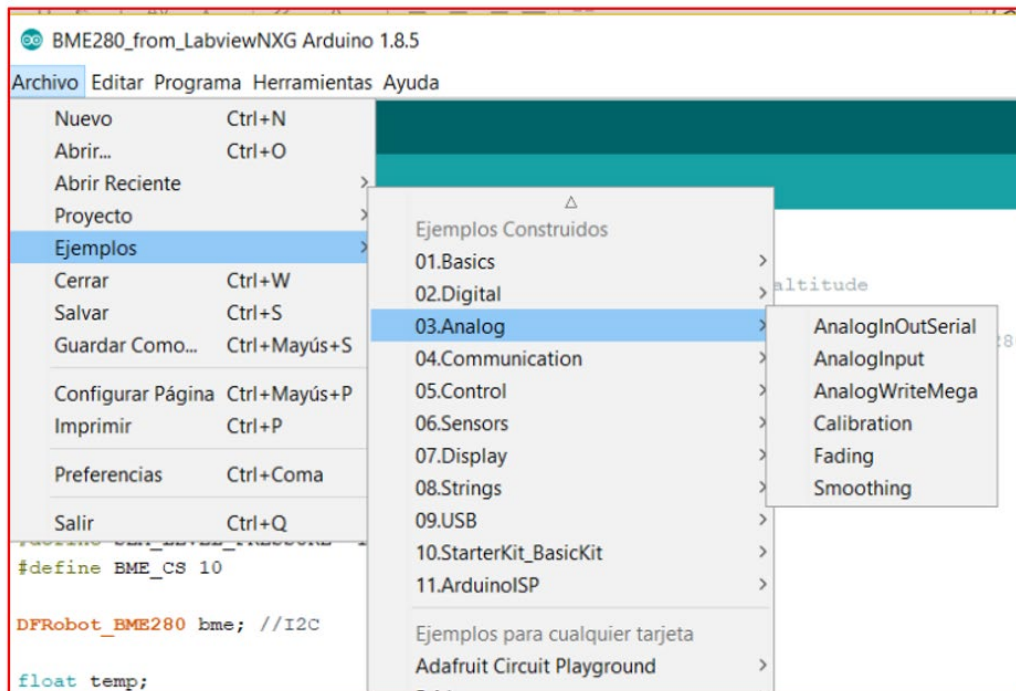
2.3 To find any libraries, Arduino has the facility to download this data as follows:

2.4.- There are many examples that may help to understand the Arduinos Sketch functionality.

2.5.- Arduino Code has two main sections. A "Void Setup" to write the code that will only run once, and a "Void Loop", that contains the main code to run repeatedly.

```
/*!
BME280, reading Temperature, Pressure and Humidity
*/

#include <DFRobot_BME280.h>
#define SEA_LEVEL_PRESSURE  1013.25f
#define BME_CS 10

DFRobot_BME280 bme; //I2C
float temp;
float pa;
float hum;

void setup() {
    Serial.begin(9600);
    // I2c default address is 0x76, if the need to change please modify bme.begin(Addr)
    if (!bme.begin(0x76)) {
        Serial.println("No  sensor device found, check line or address!");
        while (1);
    }
    Serial.println("-- BME280 DEMO --");
}

void loop() {
    temp  = bme.temperatureValue();
    pa = bme.pressureValue();
    hum = bme.humidityValue();
    //alt  = bme.altitudeValue(SEA_LEVEL_PRESSURE);

    Serial.print("T:  ");
    Serial.print(temp);
    Serial.println(" ºC");

    Serial.print("H: ");
    Serial.print(hum);
    Serial.println(" %");

    Serial.print("P: ");
    Serial.print(pa);
    Serial.println(" pa");

    Serial.println("------END------");

    delay(1000);
}
```
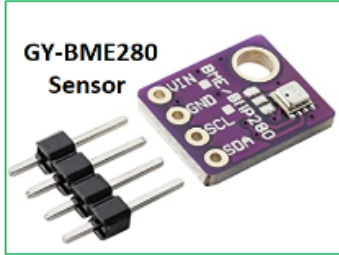
setup

loop

GY-BME280 Sensor

2.6 Moreover, from internet you can import find different and specific Libraries.

https://github.com/DFRobot/DFRobot_BME280