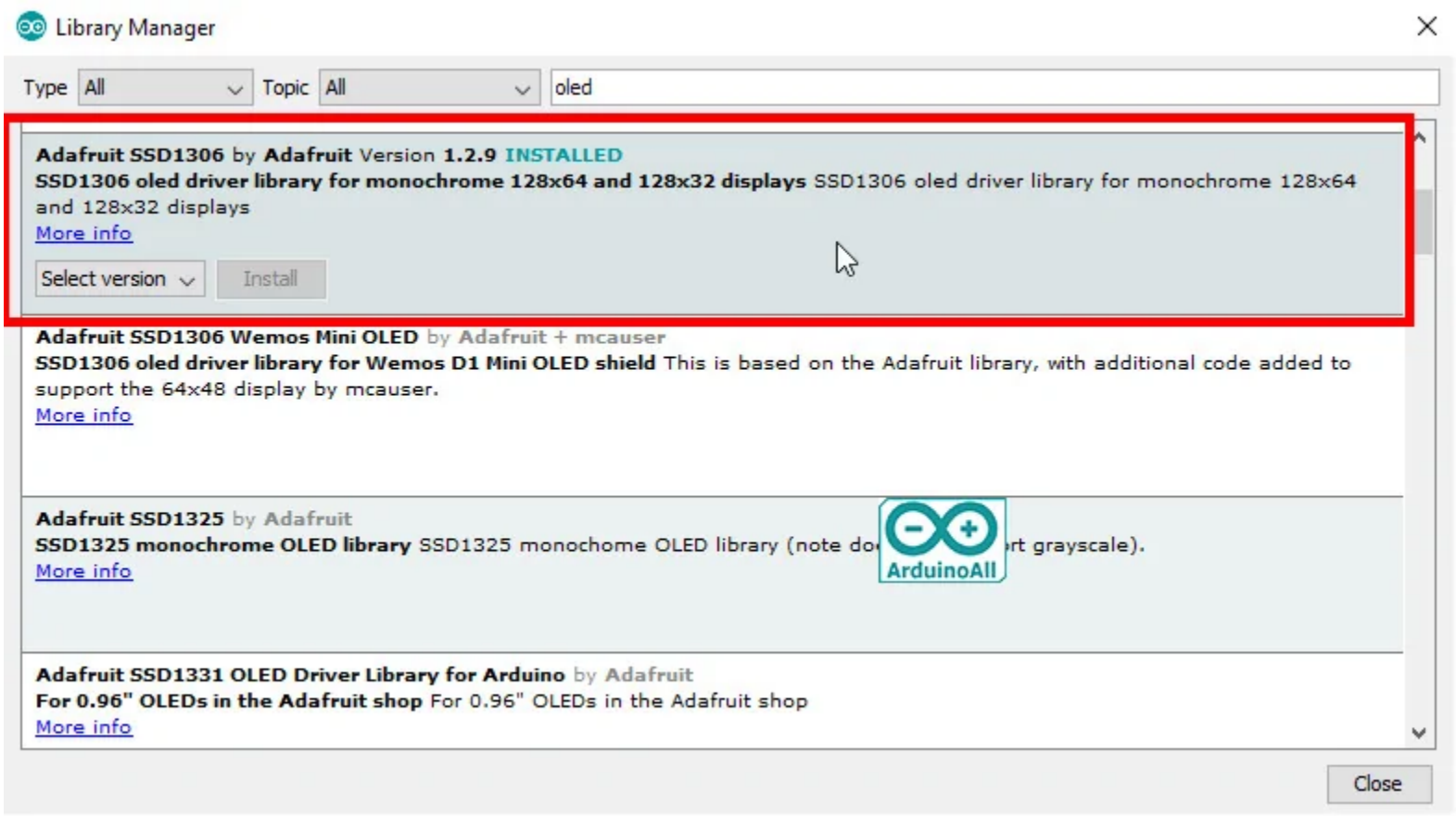
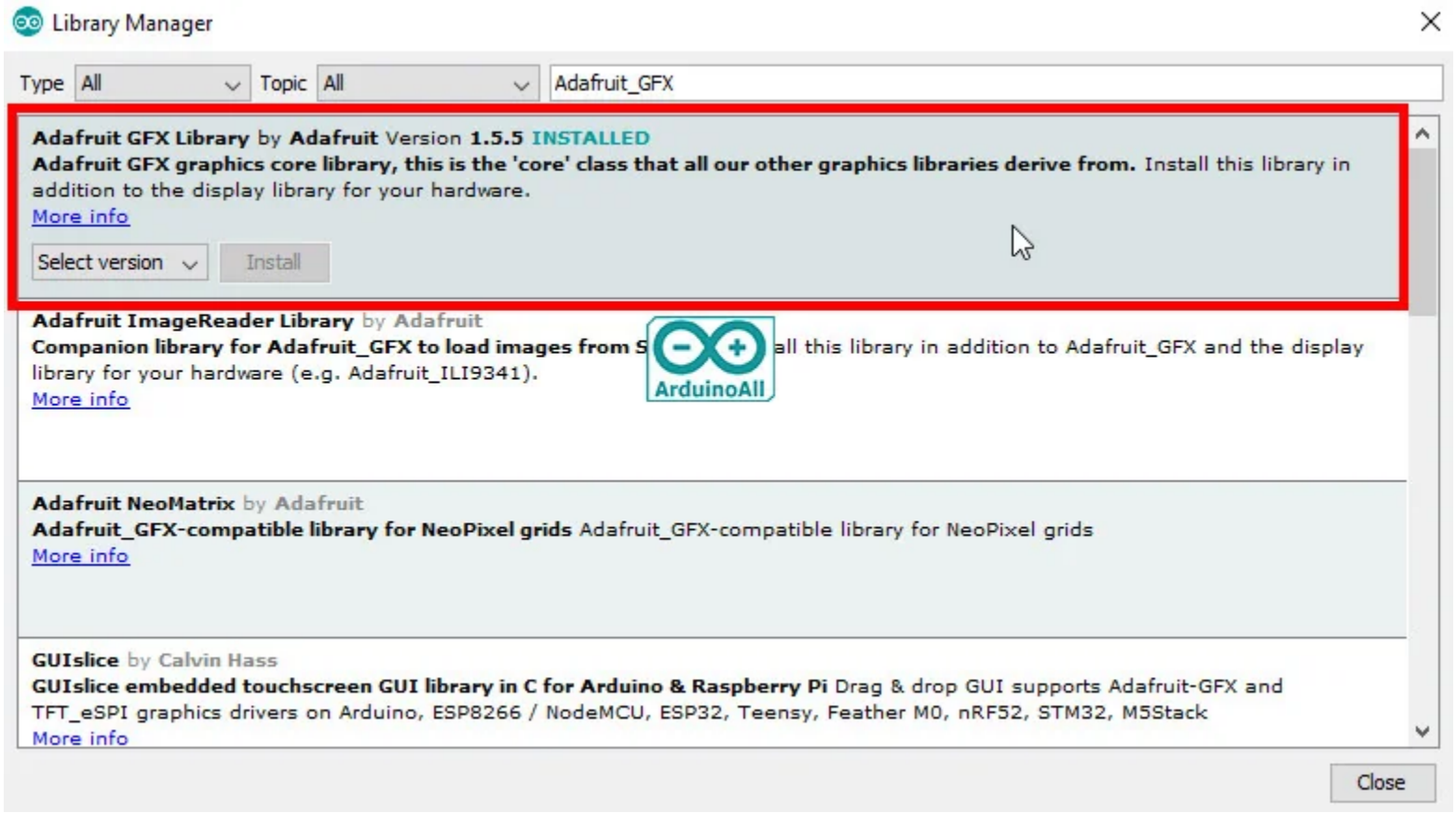
Tutorial

1.Dowload Library




Library Manager
Type All Topic All Adafruit_GFX
Adafruit GFX Library by Adafruit Version 1.5.5 INSTALLED
Adafruit GFX graphics core library, this is the 'core' class that all our other graphics libraries derive from. Install this library in addition to the display library for your hardware.
More info
Select version Install
Adafruit ImageReader Library by Adafruit
Companion library for Adafruit_GFX to load images from S all this library in addition to Adafruit_GFX and the display library for your hardware (e.g. Adafruit_ILI9341).
More info
ArduinoAll
Adafruit NeoMatrix by Adafruit
Adafruit_GFX-compatible library for NeoPixel grids Adafruit_GFX-compatible library for NeoPixel grids
More info
GUIslice by Calvin Hass
GUIslice embedded touchscreen GUI library in C for Arduino & Raspberry Pi Drag & drop GUI supports Adafruit-GFX and TFT_eSPI graphics drivers on Arduino, ESP8266 / NodeMCU, ESP32, Teensy, Feather M0, nRF52, STM32, M5Stack
More info
Close

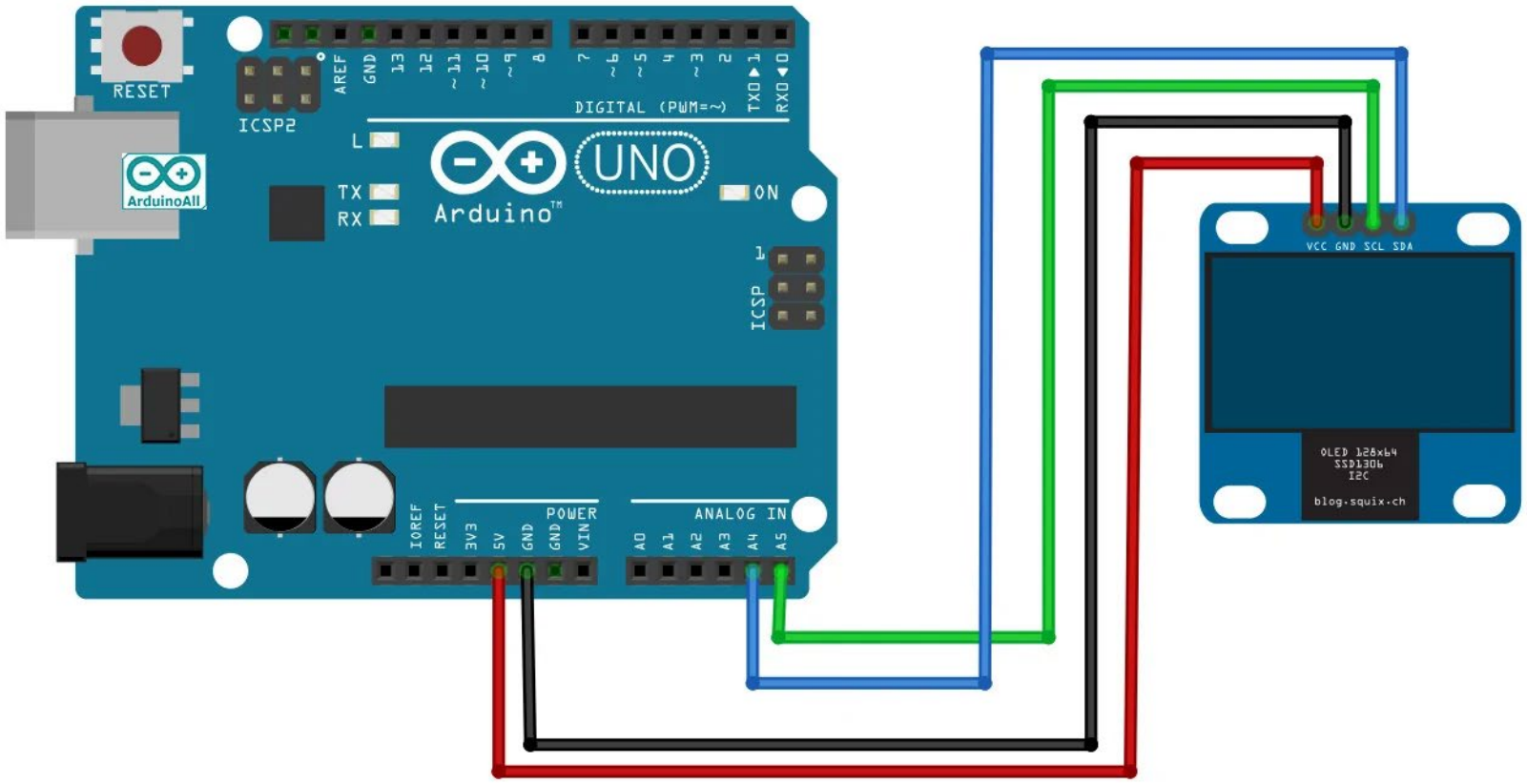
2. Connect Arduino UNO with OLED

VCC- 5V

GND- GND

SDA- A4

SCL- A5



Example Code

```
#include
<SPI.h>
        #include <Wire.h>
        #include <Adafruit_GFX.h>
        #include <Adafruit_SSD1306.h>

        #define SCREEN_WIDTH 128 // pixel width
        #define SCREEN_HEIGHT 64 // pixel Hight


        #define OLED_RESET -1
        Adafruit_SSD1306 OLED(SCREEN_WIDTH, SCREEN_HEIGHT, &Wire, OLED_RESET);

        int var = 0;
        void setup() {
        Serial.begin(9600);
        if (!OLED.begin(SSD1306_SWITCHCAPVCC, 0x3C)) { // OLED start work with  Address 0x3C
        Serial.println("SSD1306 allocation failed");
        } else {
        Serial.println("Tayda OLED Start Work !!!");
        }
        }

        void loop() {
        OLED.clearDisplay();
        OLED.setTextColor(WHITE, BLACK);
        OLED.setCursor(0, 0);
        OLED.setTextSize(2); // Size Characteristic
        OLED.println("OLED");

        OLED.setTextSize(1);
```

```
OLED.print("welcome to");
OLED.println(" All");
OLED.setTextColor(BLACK, WHITE);
OLED.print("wwwTaydaElectronics.com");
OLED.setTextColor(WHITE, BLACK);
OLED.setCursor(60, 0);
OLED.setTextSize(2);
OLED.println(var, DEC);

OLED.setCursor(0, 40);
OLED.setTextSize(2);
OLED.println("Tayda");


OLED.display();
var++;
delay(500);
```