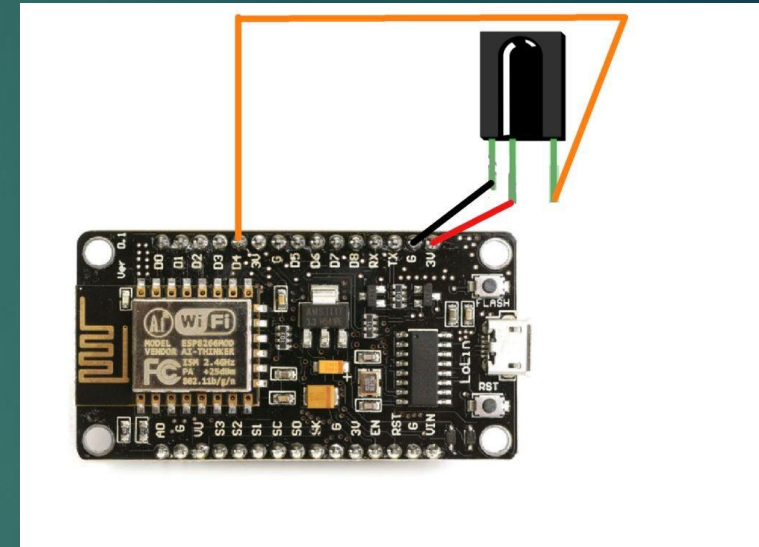
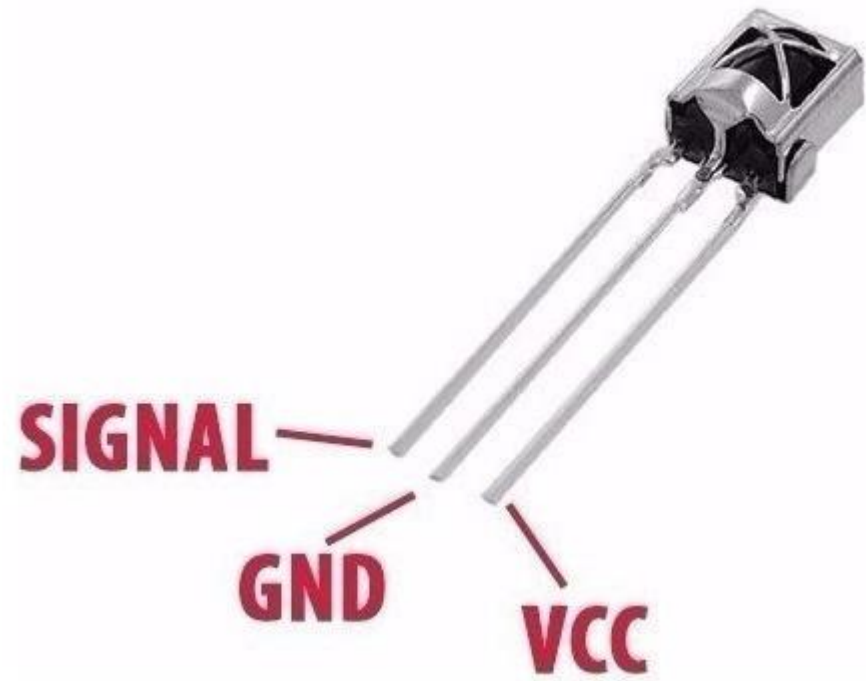
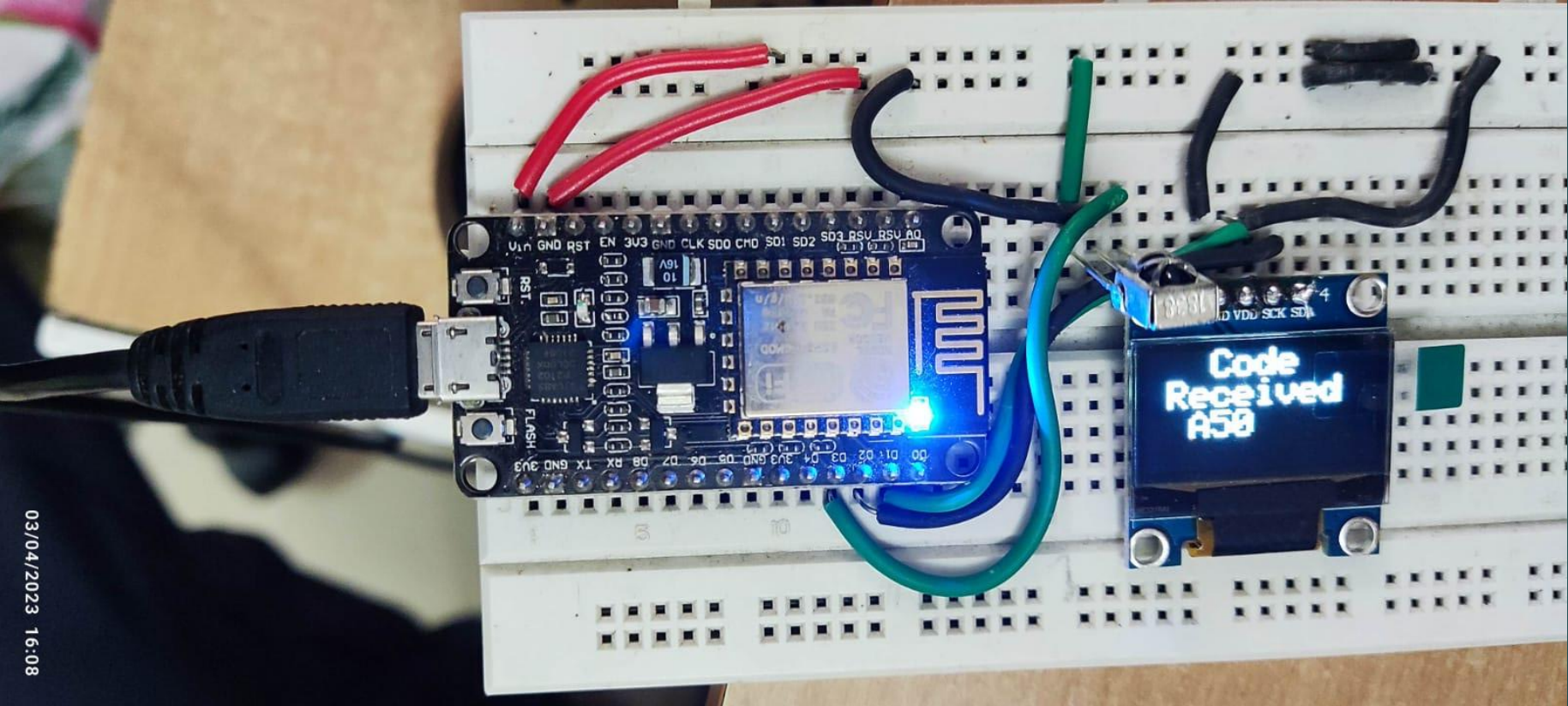




IR Remote Decoding using IR Receiver and displaying on OLED

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```
#include <IRremote.h>
#include <SPI.h>
#include <Wire.h>
#include <Adafruit_GFX.h>
#include <Adafruit_SSD1306.h>
#define SCREEN_WIDTH 128
#define SCREEN_HEIGHT 64
#define OLED_RESET -1 // Reset pin
#define SCREEN_ADDRESS 0x3C
Adafruit_SSD1306 display(SCREEN_WIDTH, SCREEN_HEIGHT, &Wire,
OLED_RESET);
const int RECV_PIN = 0;
IRrecv irrecv(RECV_PIN);
decode_results results;
void setup()
{ Serial.begin(9600);
if(!display.begin(SSD1306_SWITCHCAPVCC, SCREEN_ADDRESS)) {
Serial.println(F("SSD1306 allocation failed"));
for(;;); }
irrecv.enableIRIn();
irrecv.blink13(true);
display.clearDisplay();
display.setTextSize(2);
display.setTextColor(WHITE);
display.setCursor(0,0);
```

```
display.println("Remote");
display.println("Decoding");
display.display();
delay(2000);
display.clearDisplay();
}
```

```
void loop(){
  if (irrecv.decode(&results)){
    display.clearDisplay();
    display.setTextSize(2);
    display.setTextColor(WHITE);
    display.setCursor(0,0);
    display.println(" Code");
    display.println(" Received");
    display.print(" ");
    display.println(results.value, HEX);
    display.display();
    // Serial.println(results.value, HEX);
    irrecv.resume();
  }
}
```