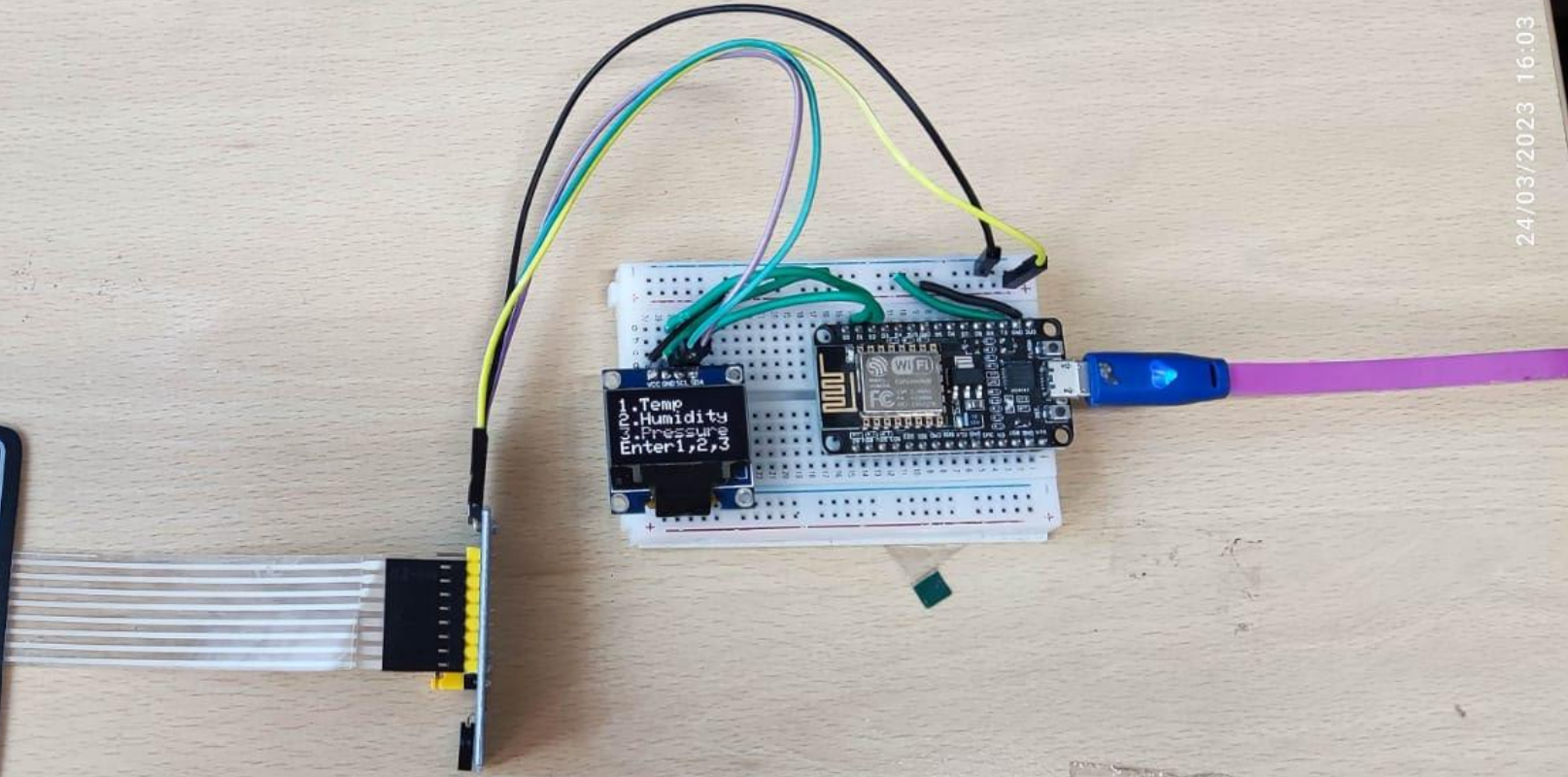


Menu Selection using Keypad with I2C on OLED using Nodemcu

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```

//Download Library
//http://www.mediafire.com/file/z9qzwmprwdo2gqj/Keypad-master.zip/file
//http://www.mediafire.com/file/wcdmj9bo27glp35/Keypad_I2C.zip/file
#include <Keypad_I2C.h>
#include <Keypad.h>
#include <Wire.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);

#define I2CADDR 0x20
const byte ROWS = 4;
const byte COLS = 4;
char keys[ROWS][COLS] = {
  {'1','2','3','A'},
  {'4','5','6','B'},
  {'7','8','9','C'},
  {'*','0','#','D'}
};
byte rowPins[ROWS] = {0, 1, 2, 3};
byte colPins[COLS] = {4, 5, 6, 7};
Keypad_I2C keypad( makeKeymap(keys), rowPins, colPins, ROWS, COLS,I2CADDR, PCF8574 );

int temp;
int Rh;
int pressure;

void setup() {Wire.begin();
  keypad.begin( makeKeymap(keys) );
  Serial.begin(9600);
  if(!display.begin(SSD1306_SWITCHCAPVCC, SCREEN_ADDRESS)) {
    Serial.println(F("SSD1306 allocation failed"));
    for(;;) }
}

```

```
void loop() {
  display.clearDisplay();
  display.setTextSize(2);
  display.setTextColor(WHITE);
  display.setCursor(0,0);
  display.println("1.Temp");
  display.println("2.Humidity");
  display.println("3.Pressure");
  display.print("Enter1,2,3");
  display.display();
  char key = keypad.getKey();
  int i = key - '0';
  switch (i) {
  case 1:
    display.clearDisplay();
    display.setTextSize(2);
    display.setTextColor(WHITE);
    display.setCursor(0,0);
    display.println("Temp");
    display.println("Measurment");
    display.display();
    delay(4000);
  break;
  case 2:
    display.clearDisplay();
    display.setTextSize(2);
    display.setTextColor(WHITE);
    display.setCursor(0,0);
    display.println("Humidity");
    display.println("Measurment");
    display.display();
    delay(4000);
  break;
  case 3:
    display.clearDisplay();
    display.setTextSize(2);
    display.setTextColor(WHITE);
    display.setCursor(0,0);
    display.println("pressure");
    display.println("Measurment");
    display.display();
    delay(4000);
  break;
  default:
  break;
  }
}
```