#include <LiquidCrystal\_I2C.h>

#include <DHT.h>

#define DHTPIN 8

#define DHTTYPE DHT22

DHT dht (DHTPIN, DHTTYPE);

LiquidCrystal\_I2C lcd(0x27, 16, 2);

void setup() {

// put your setup code here, to run once:

Serial.begin(9600);

Serial.println("Sistem Monitoring Suhu");

lcd.begin(16, 2);

dht.begin();

}

void loop() {

// put your main code here, to run repeatedly:

float t = dht.readTemperature();

float h = dht.readHumidity();

delay(1000);

//Menampilkan di LCD

lcd.setCursor(0,0);

lcd.println("Suhu=");

lcd.print(t);

lcd.println(" C");

lcd.setCursor(0,1);

lcd.println("Lembab=");

lcd.print(h);

lcd.println(" %");

//Menampilkan di serial monitor

Serial.println("Suhu = ");

Serial.print(t);

Serial.println(" C");

Serial.println("Kelembaban = ");

Serial.print(h);

Serial.println(" %");

}