#include <LiquidCrystal.h>

#define SENSOR\_PIN A0

LiquidCrystal lcd(12, 11, 5, 4, 3, 2);

float voltage = 0;

float sensor = 0;

float celsius = 0;

void setup() {

lcd.begin(16, 2);

}

void loop() {

sensor = analogRead(SENSOR\_PIN);

voltage = (sensor\*5000)/1024;

voltage = voltage-400;

celsius = voltage/10;

lcd.setCursor(0, 1);

lcd.print(celsius);

}