

```

#include <SimpleDHT.h>
#include <LiquidCrystal.h>
char d;
// for DHT11,
//      VCC: 5V or 3V
//      GND: GND
//      DATA: 2
int pinDHT11 = 8;
SimpleDHT11 dht11(pinDHT11);
LiquidCrystal lcd(2,3,4,5,6,7);

void setup() {
    Serial.begin(9600);
    lcd.begin(16, 2);
}

void loop() {
    if(Serial.available())
    {
        d=Serial.read();
    }
    if (d=='a')
    {

        // read without samples.
        byte temperature = 0;
        byte humidity = 0;
        int err = SimpleDHTErrSuccess;
        if ((err = dht11.read(&temperature, &humidity, NULL)) !=
SimpleDHTErrSuccess) {
            return;
        }
        //lcd.setCursor(0,0);
        //lcd.print("Temp is ");
        //lcd.print((int)temperature); lcd.print(" *C, ");
        //lcd.setCursor(0,1);
        //lcd.print("Humidity:");
        //lcd.print((float)humidity);
        Serial.println(temperature);
        Serial.println(humidity);
        // DHT11 sampling rate is 1HZ.
        delay(1500);
    }
}

```