

```
#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);  
}  
}
```