```
#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);
```