

```
#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);  
}  
}
```