

```
#include "DHT.h"
#include <LiquidCrystal_I2C.h>
LiquidCrystal_I2C lcd(0x27, 16, 2);
DHT dht(2, DHT11);

void setup()
{
    Serial.begin(115200);
    dht.begin();
    pinMode(13, OUTPUT);
    lcd.begin();
    lcd.backlight();
    lcd.print("Hello, world!");
}

void loop()
{
    float h = dht.readHumidity();
    float t = dht.readTemperature();
    Serial.print(h);
    Serial.print(",");
    Serial.println(t);
}
```

```
    lcd.setCursor(0,0);  
    lcd.print("h = ");  
    lcd.print(h);  
    lcd.print("%  ");  
  
    lcd.setCursor(0,1);  
    lcd.print("t = ");  
    lcd.print(t);  
    lcd.write(0xDF);  
    lcd.print("C  ");  
  
    if(h > 60)  
        digitalWrite(13,1);  
    else if(h <58)  
        digitalWrite(13,0);  
  
    delay(500);  
}
```

