

Code:

```
#include <DHT.h>

#define DHTPIN 7
#define DHTTYPE DHT11
#define LED_PIN 13

DHT dht(DHTPIN, DHTTYPE);

void setup() {
    Serial.begin(9600);
    pinMode(LED_PIN, OUTPUT);
    dht.begin();
}

void loop() {
    float hum = dht.readHumidity();
    float temp = dht.readTemperature();

    Serial.print("Temperature = ");
    Serial.println(temp);
    Serial.print("Humidity = ");
    Serial.println(hum);

    if (hum > 85 || temp > 32) digitalWrite(LED_PIN, HIGH);
    else digitalWrite(LED_PIN, LOW);

    delay(1000);
}
```

sketch_oct10a | Arduino IDE 2.3.6

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Arduino Uno

LIBRARY MANAGER

DHT sensor LIBRARY

Type: All

Topic: All

DHT22, etc Temp & Humidity Sensors Arduino library for...

More info

1.4.6 REMOVE

AM2302-Sensor by Frank Häfele...

This library read temperature and humidity from the AM2302 (aka DHT22) sensor. The AM230...

More info

1.4.0 INSTALL

AM232X by Rob Tillaart <rob.tillaart@gmail.com>

0.5.2 Installed

Arduino library for AM2320, AM2321 and AM2323 I2C temperature and humidity...

More info

0.5.2 REMOVE

Output Serial Monitor X

Message (Enter to send message to 'Arduino Uno' on 'COM6')

Temperature = 34.60
Humidity = 85.00
Temperature = 34.60
Humidity = 85.00

9600 baud

Ln 26, Col 1 Arduino Uno on COM6 4 ENG 14:54

