

sketch\_oct13a | Arduino IDE 2.2.1

File Edit Sketch Tools Help

NodeMCU 1.0 (ESP-12E Mod...

BOARDS MANAGER

ESP8266

Type All

esp8266 by ESP8266 Community

3.1.2 installed

Boards included in this package:  
Generic ESP8285 Module, ESPRESSO  
Lite 1.0, Digistump Oak, ITEAD Sonoff...  
More info

3.1.2 REMOVE

sketch\_oct13a.ino

```
1 void setup()
2 {
3   pinMode(4,OUTPUT);
4   pinMode(2,OUTPUT);
5   pinMode(8,OUTPUT);
6 }
7 void loop()
8 {
9   digitalWrite(4,1);
10  digitalWrite(2,1);
11  digitalWrite(8,1);
12  delay(1000);
13
14  digitalWrite(4,0);
15  digitalWrite(2,0);
16  digitalWrite(8,0);
17  delay(1000);
18 }
19
```

Output

```
Installing esp8266:mkspiffs@3.1.0-gcc10.3-e5f9fec
Configuring tool.
esp8266:mkspiffs@3.1.0-gcc10.3-e5f9fec installed
Installing esp8266:mklittlefs@3.1.0-gcc10.3-e5f9fec
Configuring tool.
esp8266:mklittlefs@3.1.0-gcc10.3-e5f9fec installed
Installing esp8266:python3@3.7.2-post1
Configuring tool.
esp8266:python3@3.7.2-post1 installed
Installing platform esp8266:esp8266@3.1.2
Configuring platform.
Platform esp8266:esp8266@3.1.2 installed
```

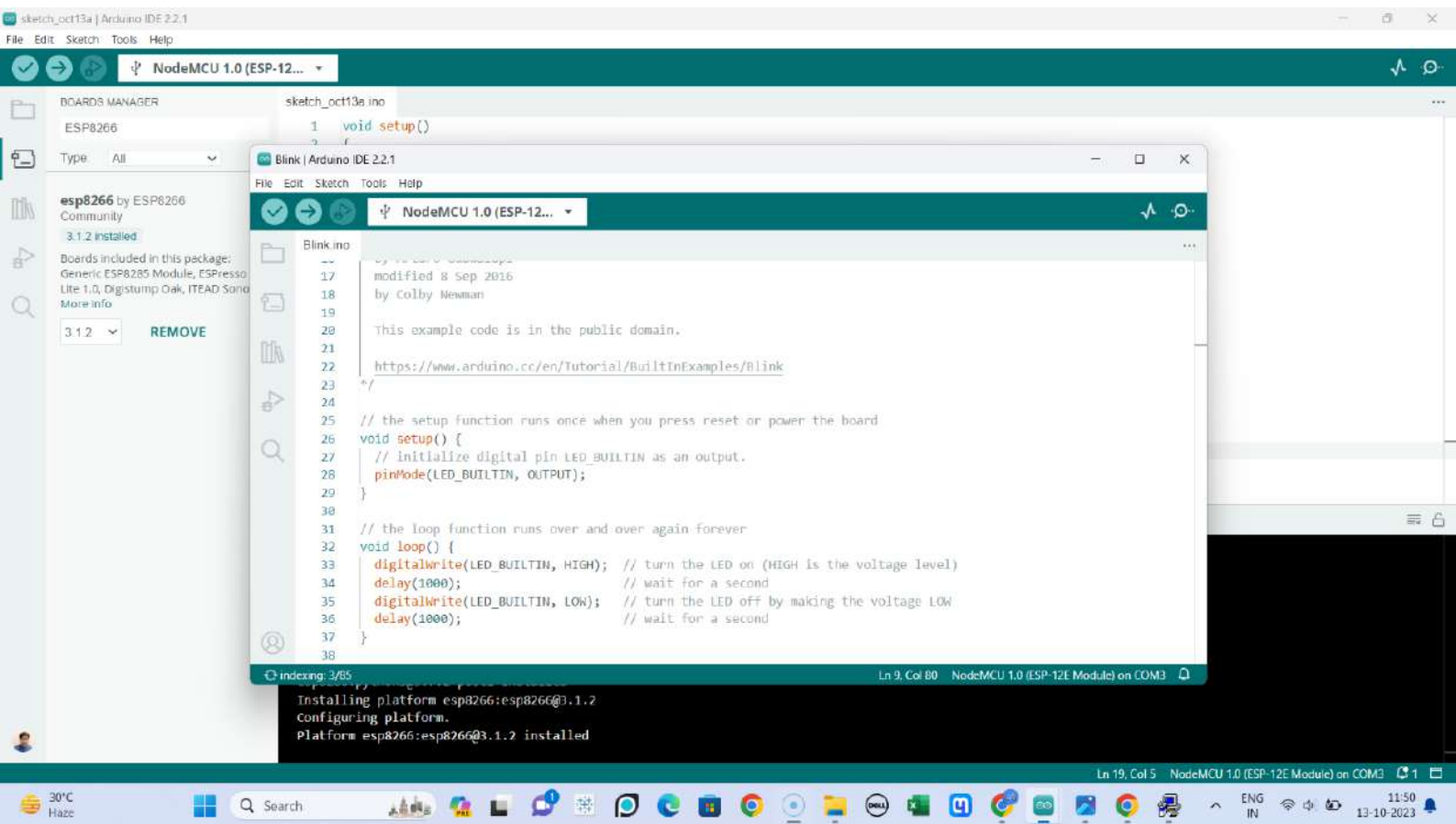
Ln 11, Col 15 NodeMCU 1.0 (ESP-12E Module) [not connected] 1

Today's high  
Near record

Search

ENG  
IN

11:27  
13-10-2023

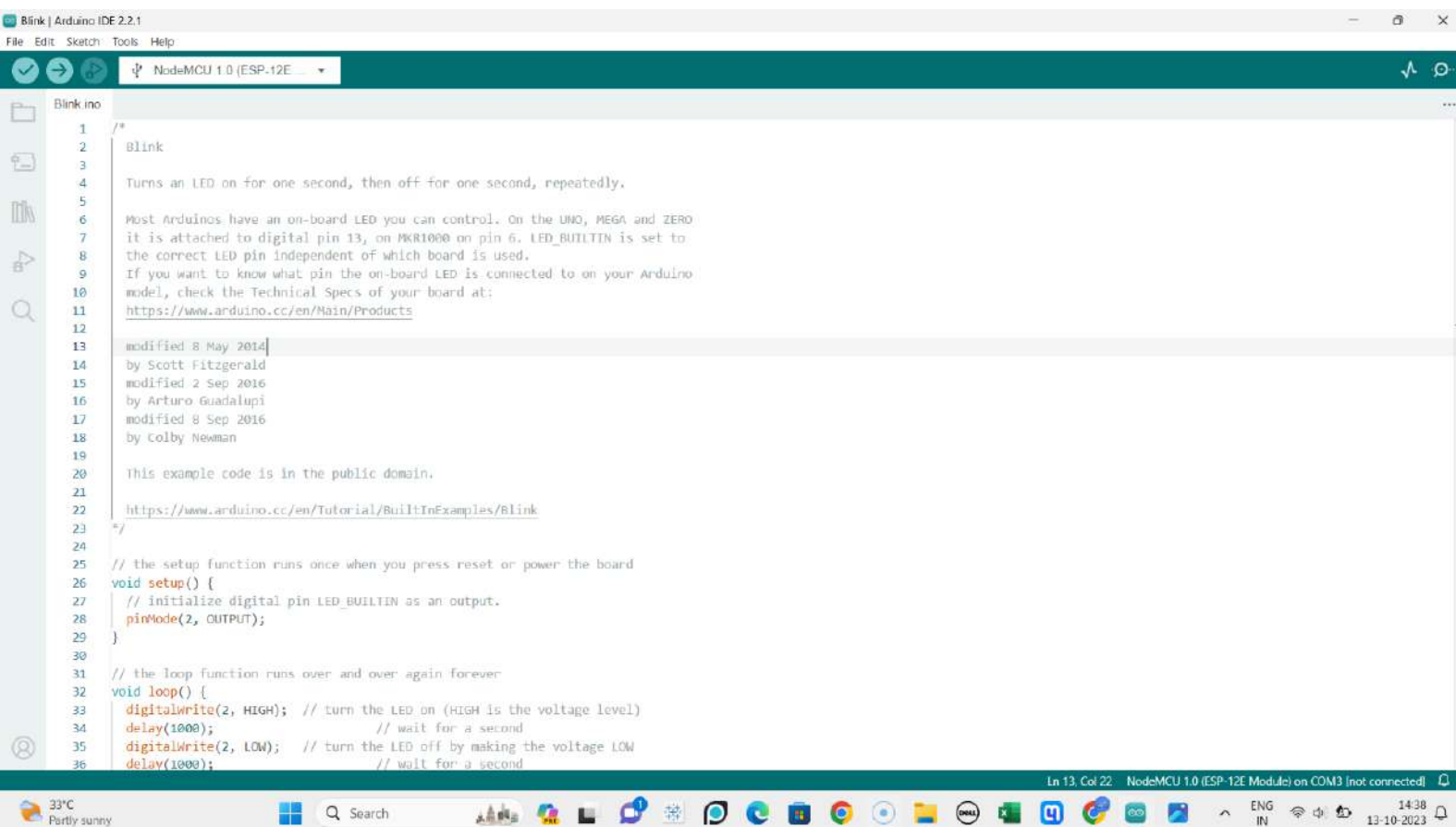


## Access: Private

- ☐ Keep channel view private
- ☒ Share channel view with everyone
- ☐ Share channel view only with the following users:

ThingSpeak allows you to control who can view the data in your channel. Irrespective of the settings on this tab, reading data from or writing data to the fields of a channel requires the appropriate API key for the channel.

- **Keep channel view private:** Selecting this option keeps your channel private. Only you will be able to see the channel view.
- **Share channel view with everyone:** Selecting this option makes the public view of your channel viewable by anyone browsing the ThingsSpeak website.
- **Share channel view only with the following users:** Selecting this option shares the private view of your channel only with specific ThingsSpeak users.



NodeMCU 1.0 (ESP-12...

BasicHttpClient.ino

```
15 #include <WiFiClient.h>
16
17 ESP8266WiFiMulti WiFiMulti;
18
19 void setup() {
20   pinMode(4, OUTPUT);
21   Serial.begin(9600);
22   // Serial.setDebugOutput(true);
23
24   Serial.println();
25   Serial.println();
26   Serial.println();
27
28   for (uint8_t t = 4; t > 0; t--) {
29     Serial.printf("[SETUP] WAIT %d...\n", t);
30     Serial.flush();
31     delay(1000);
32   }
33
34   WiFi.mode(WIFI_STA);
35   WiFiMulti.addAP("OPPOA15s", "T018h358");
36 }
```

Output Serial Monitor x

Message (Enter to send message to 'NodeMCU 1.0 (ESP-12E Module)' on 'COM3')

New Line 9600 baud

```
[HTTP] GET... code: 200
SAVEME
[HTTP] begin...
[HTTP] GET...
[HTTP] GET... code: 200
SAVEME
```

Ln 75, Col 6 NodeMCU 1.0 (ESP-12E Module) on COM3 2



BasicHttpClient | Arduino IDE 2.2.1

File Edit Sketch Tools Help

NodeMCU 1.0 (ESP-12...

BasicHttpClient.ino

```
15 #include <WiFiClient.h>
16
17 ESP8266WiFiMulti WiFiMulti;
18
19 void setup() {
20   pinMode(4,OUTPUT);
21   Serial.begin(9600);
22   // Serial.setDebugOutput(true);
23
24   Serial.println();
25   Serial.println();
26   Serial.println();
27
28   for (uint8_t t = 4; t > 0; t--) {
29     Serial.printf("[SETUP] WAIT %d...\n", t);
30     Serial.flush();
31     delay(1000);
32   }
33
34   WiFi.mode(WIFI_STA);
35   WiFiMulti.addAP("OPPOA15s", "T018h358");
36 }
```

Output Serial Monitor x

Message (Enter to send message to 'NodeMCU 1.0 (ESP-12E Module)' on 'COM3')

New Line 9600 baud

[HTTP] GET... code: 200  
SAVEME  
[HTTP] begin...  
[HTTP] GET...  
[HTTP] GET... code: 200  
SAVEME  
[HTTP] begin...  
[HTTP] GET...

Ln 75, Col 6 NodeMCU 1.0 (ESP-12E Module) on COM3 2

33°C Partly sunny

Search

ENG IN

15:26 13-10-2023

BasicHttpClient | Arduino IDE 2.2.1

File Edit Sketch Tools Help

NodeMCU 1.0 (ESP-12E...)

BasicHttpClient.ino

```
15 #include <WiFiClient.h>
16
17 ESP8266WiFiMulti WiFiMulti;
18
19 void setup() {
20   pinMode(4,OUTPUT);
21   Serial.begin(9600);
22   // Serial.setDebugOutput(true);
23
24   Serial.println();
25   Serial.println();
26   Serial.println();
27
28   for (uint8_t t = 4; t > 0; t--) {
29     Serial.printf("[SETUP] WAIT %d...\n", t);
30     Serial.flush();
31     delay(1000);
32   }
33
34   WiFi.mode(WIFI_STA);
35   WiFiMulti.addAP("OPPOA15s", "T018h358");
36 }
```

Output Serial Monitor x

Not connected. Select a board and a port to connect automatically. New Line 9600 baud

```
[HTTP] begin...
[HTTP] GET...
[HTTP] GET... code: 200
SAVEM8
[HTTP] begin...
[HTTP] GET...
[HTTP] GET... code: 200
SAVEM8
[HTTP] begin...
[HTTP] GET...
```

Ln 30, Col 20 NodeMCU 1.0 (ESP-12E Module) on COM3 [not connected] 2

27°C Partly cloudy

Search

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