

TUTOR MENGGUNAKAN MIKROKONTROLLER “ESP8266”

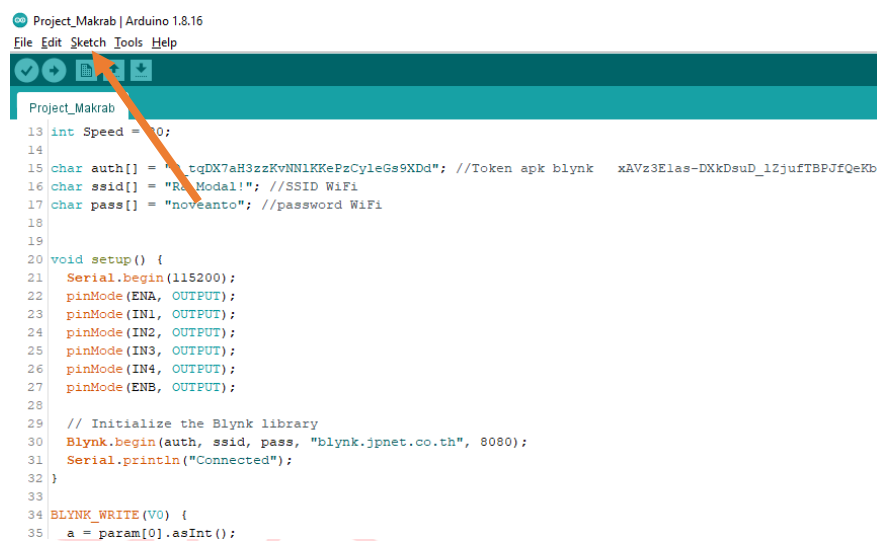
1. Install library ESP8266

<https://github.com/IthamAziz24/Project/blob/main/ESP8266WiFi.rar>

File di ekstrak > Arduino > libraries

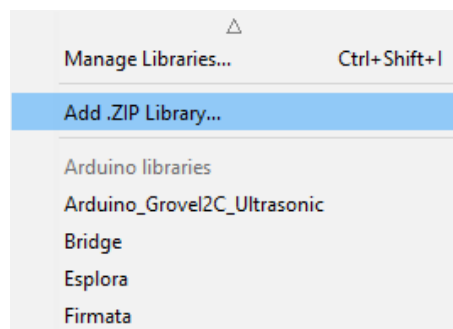
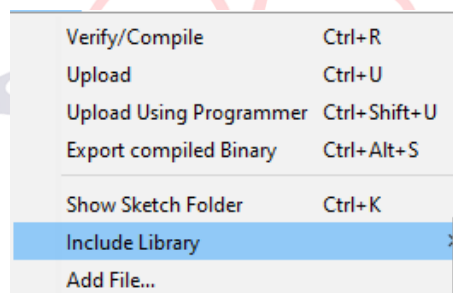
Cara memasukkan libraries ke Arduino IDE :

Klik Sketch > Include Library > Add .ZIP Library > Cari filenya di libraries



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Project_Makrab | Arduino 1.8.16
File Edit Sketch Tools Help

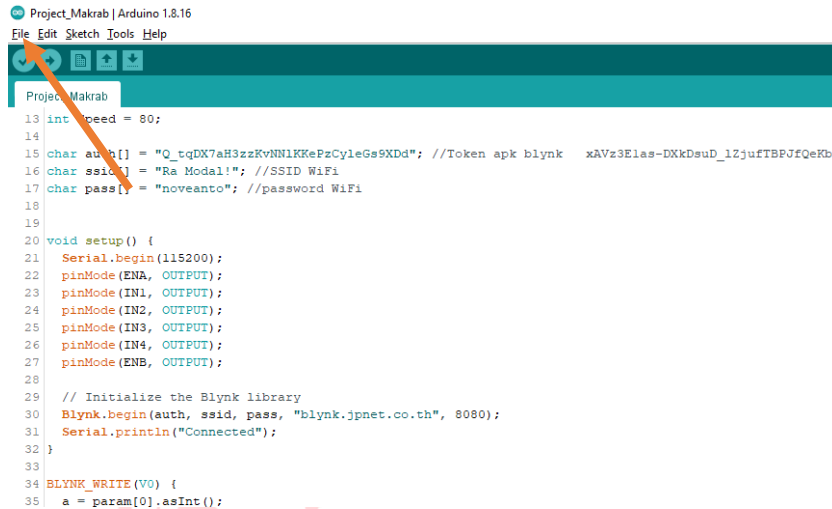
Project_Makrab
13 int Speed = 10;
14
15 char auth[] = "tqDX7aH3zzKvNNlKKePzCyleGs9XDd"; //Token apk blynk   xAVz3Elas-DXkDsuD_lZjufTBpJfQeKb
16 char ssid[] = "R4_Modal1"; //SSID WiFi
17 char pass[] = "noveanto"; //password WiFi
18
19
20 void setup() {
21   Serial.begin(115200);
22   pinMode(ENA, OUTPUT);
23   pinMode(IN1, OUTPUT);
24   pinMode(IN2, OUTPUT);
25   pinMode(IN3, OUTPUT);
26   pinMode(IN4, OUTPUT);
27   pinMode(ENB, OUTPUT);
28
29   // Initialize the Blynk library
30   Blynk.begin(auth, ssid, pass, "blynk.jpnet.co.th", 8080);
31   Serial.println("Connected");
32 }
33
34 BLYNK_WRITE(V0) {
35   a = param[0].asInt();
```



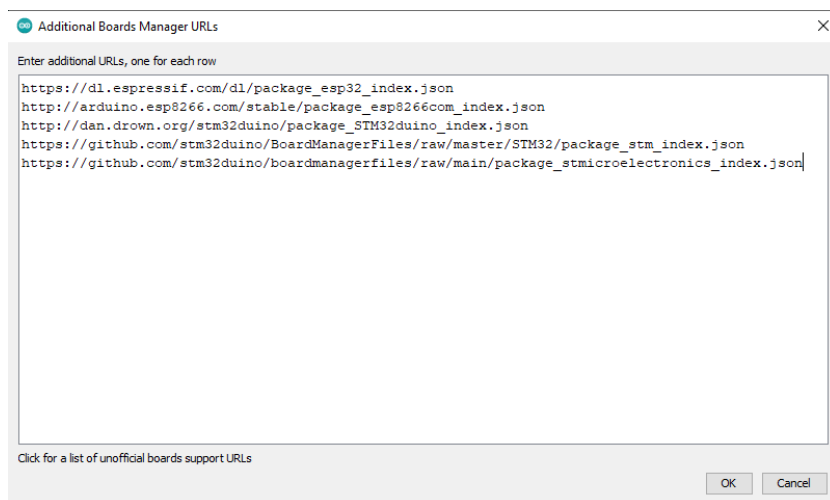
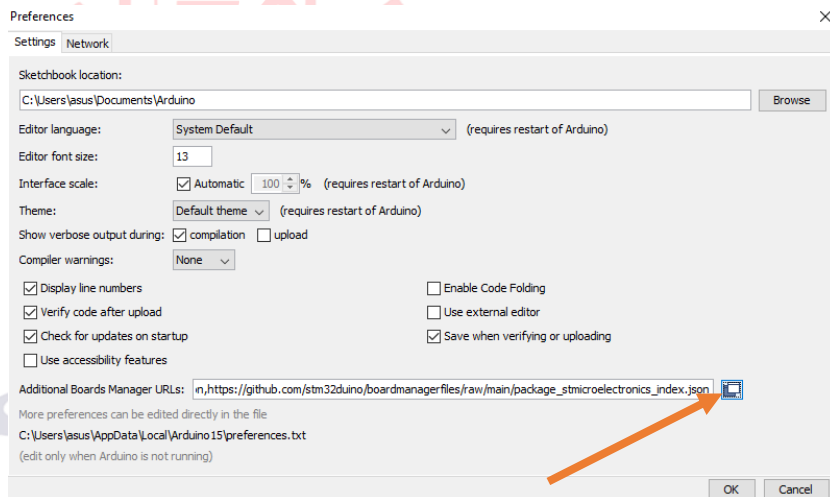
2. Cara memasukkan board ESP8266

http://arduino.esp8266.com/stable/package_esp8266com_index.json

Klik File > Preferences > Additional Board Manager URLs > OK

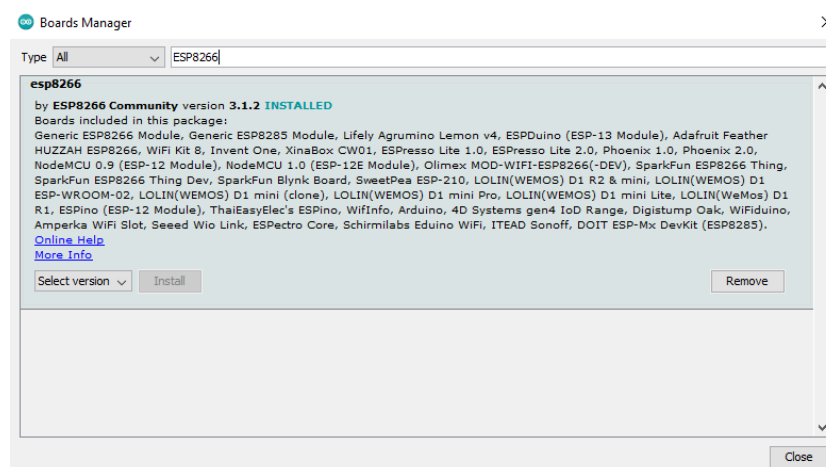
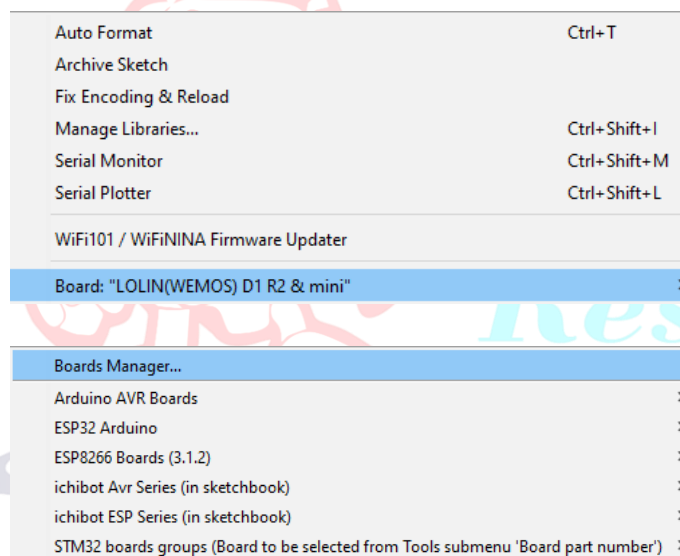


```
13 int speed = 80;
14
15 char auth[] = "Q_tqDX7aH3zzKvNNlKKePzCyleG9XDd"; //Token apk blynk  xAVz3Elas-DXkDsuD_1ZjufTBFJfQeKh
16 char ssid[] = "Ra Modal!"; //SSID WiFi
17 char pass[] = "noveanto"; //password WiFi
18
19
20 void setup() {
21   Serial.begin(115200);
22   pinMode(ENA, OUTPUT);
23   pinMode(IN1, OUTPUT);
24   pinMode(IN2, OUTPUT);
25   pinMode(IN3, OUTPUT);
26   pinMode(IN4, OUTPUT);
27   pinMode(ENB, OUTPUT);
28
29   // Initialize the Blynk library
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```



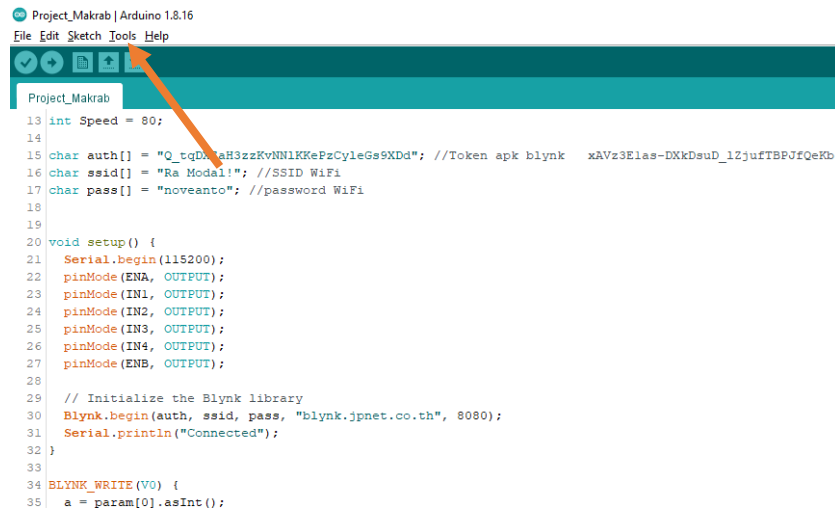
3. Install Board ESP8266

Klik Tools > Board > Boards Manager > Ketik “ESP8266” > Install



4. Menggunakan WEMOS D1 MINI

Klik Tools > Board > ESP8266 Boards > LOLIN (WEMOS) D1 R1 & mini



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Project_Makrab | Arduino 1.8.16
File Edit Sketch Tools Help

Project_Makrab
13 int Speed = 80;
14
15 char auth[] = "Q_tqDMMaH3zzKvNN1KKePzCyleG99XDd"; //Token apk blynk xAVz3E1as-DXkDsuD_1ZjufTB9JfQeRb
16 char ssid[] = "Ra Modal!"; //SSID WiFi
17 char pass[] = "noveanto"; //password WiFi
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