

# DAY 0

## BASIC INSTALL



ESPRESSIF



Blynk

NAMA :

SEKOLAH :

KELAS :

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## INSTALASI BASIC

### 1. Arduino IDE

- URL: <https://www.arduino.cc/en/software>

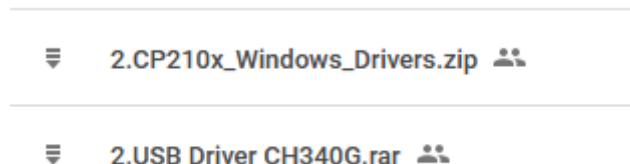
#### Downloads



**Klik Next / OK saat instalasi apabila muncul pop-up**

### 2. USB Driver (CH340 & CP210x)

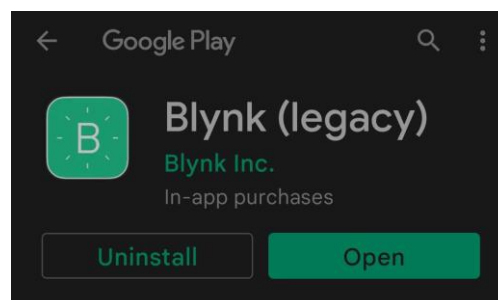
- URL: [https://drive.google.com/drive/folders/1N\\_AahUYAnndcPCrkArtvMM30yHvjzdqp](https://drive.google.com/drive/folders/1N_AahUYAnndcPCrkArtvMM30yHvjzdqp)



### 3. BLYNK (Android)

Buka aplikasi dan daftar via akun facebook

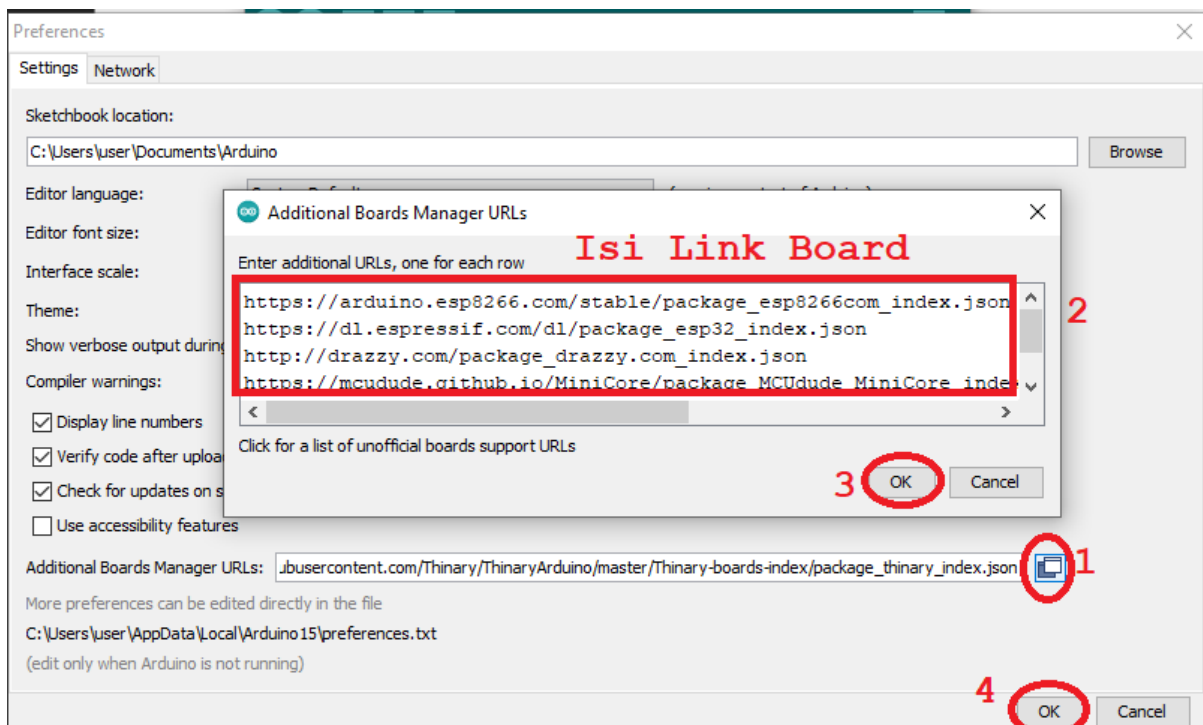
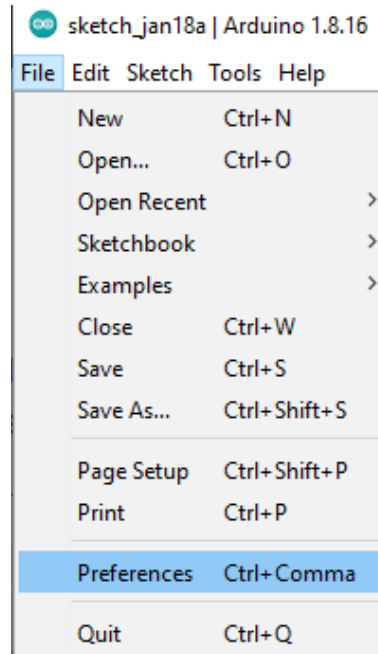
- URL: <https://play.google.com/store/apps/details?id=cc.blynk>



## INSTALASI BOARD ESP32

### Add Board ESP

Pastikan Arduino IDE sudah terinstall, buka ikuti langkah-langkah seperti gambar



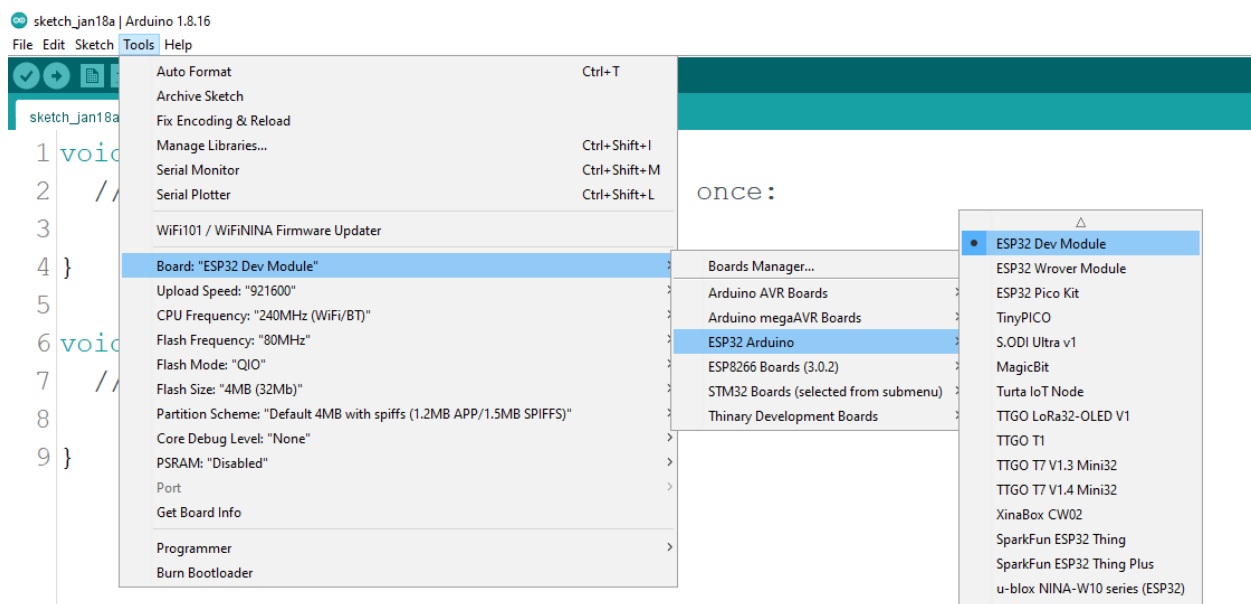
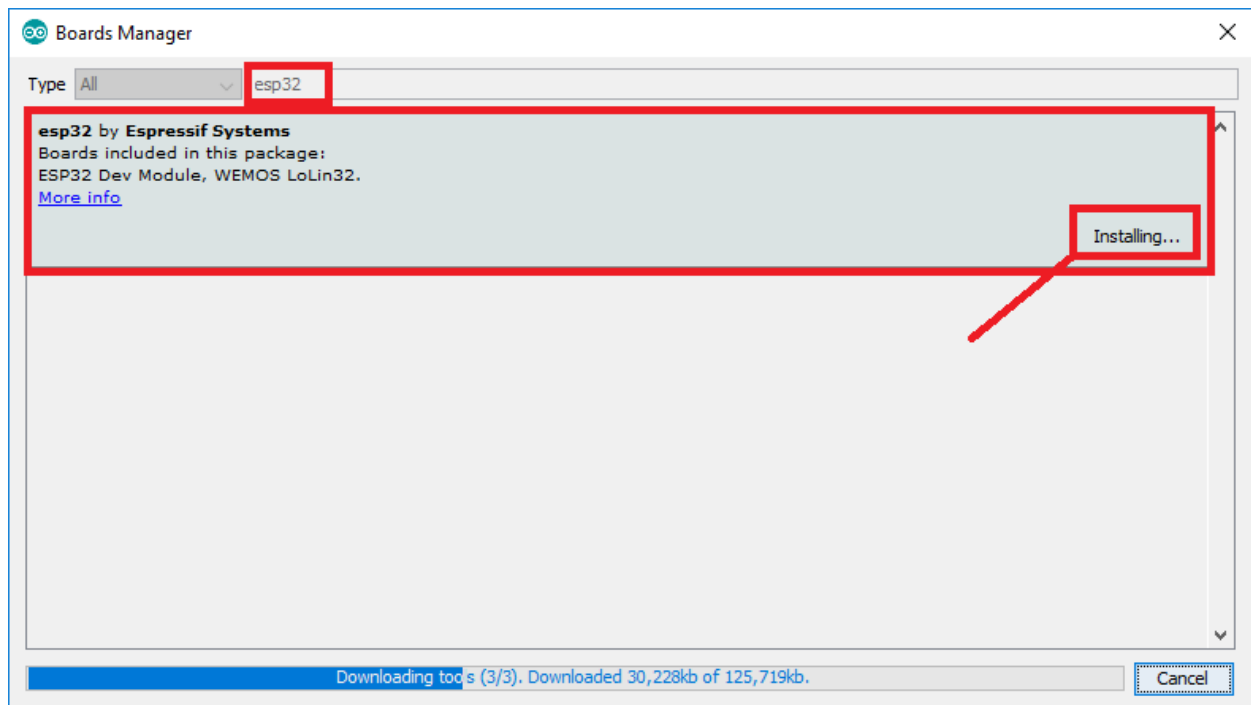
Tambahkan 2 link board dibawah ini ke Arduino:

[https://dl.espressif.com/dl/package\\_esp32\\_index.json](https://dl.espressif.com/dl/package_esp32_index.json)

[https://arduino.esp8266.com/stable/package\\_esp8266com\\_index.json](https://arduino.esp8266.com/stable/package_esp8266com_index.json)

Buka **Tools** > **Board** > **Boards Manager** > ketik **esp32** > **Install**

(Estimasi Install **10-20 menit**)

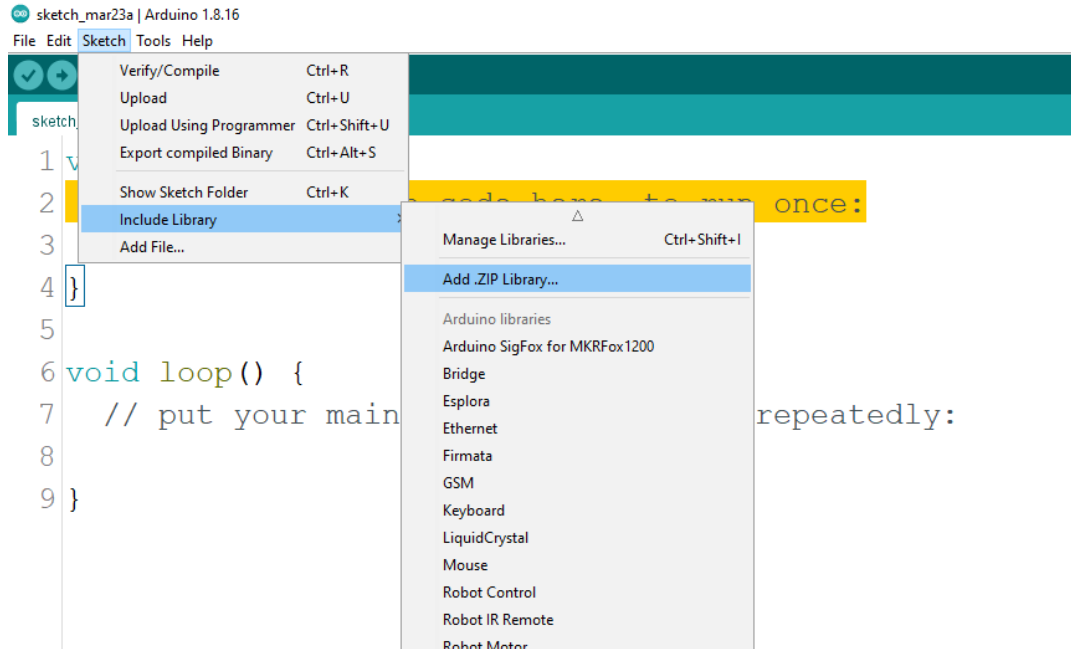


Setelah berhasil instalasi pada board ESP32 pada Arduino IDE klik **Tools** > **Board** > **ESP32 Arduino**.Pengecekan ini dilakukan apakah **Board ESP** sudah masuk dan terinstal tanpa error.

## INSTALASI LIBRARY

### Add Custom Library

Custom library akan ditambahkan untuk mempermudah akses suatu modul atau sensor.



#### Folder



#### URL:

[https://drive.google.com/drive/folders/1N\\_AahUYA\\_nndcPCrkArtvMM30yHvjzdpq](https://drive.google.com/drive/folders/1N_AahUYA_nndcPCrkArtvMM30yHvjzdpq)

(Library akan dijelaskan saat kelas)