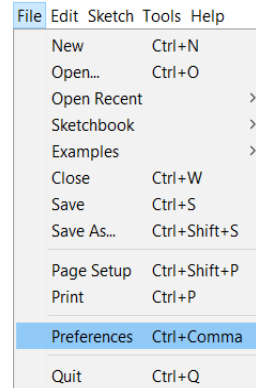


Task2: ESP-WROOM-32

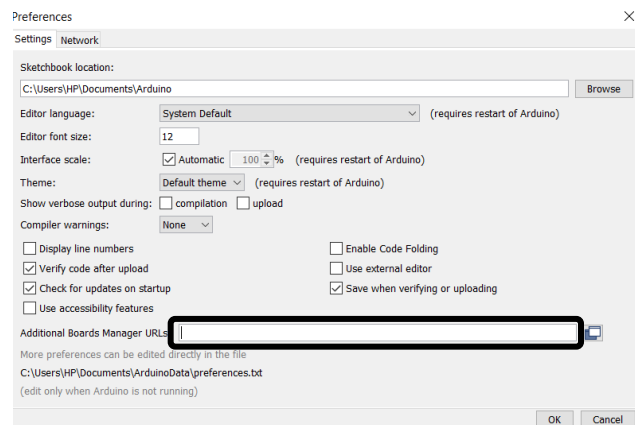
Installing ESP32 Add-on in Arduino IDE step by step:

1. In your Arduino IDE, go to File> Preferences:

Blink | Arduino 1.8.19 (Window:

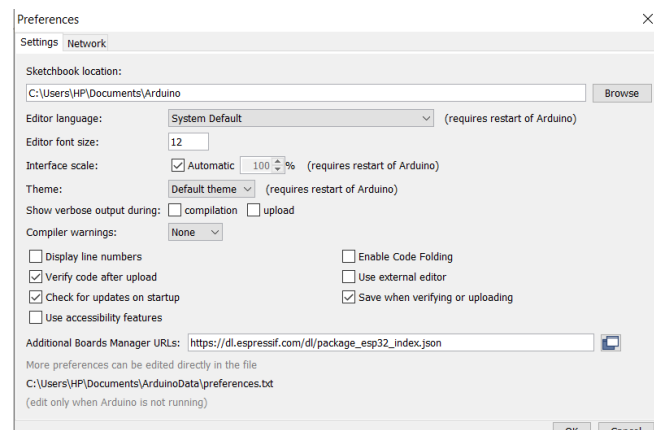


A window will appear like this:

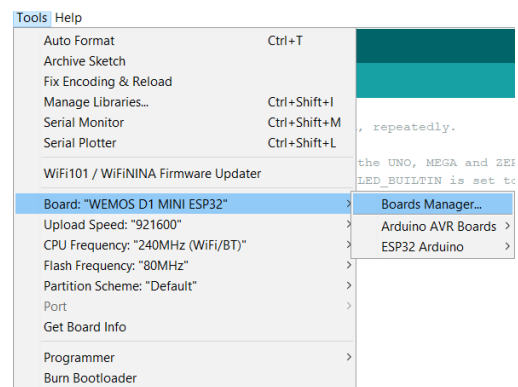


2. Enter the following into the “Additional Board Manager URLs” field:

https://dl.espressif.com/dl/package_esp32_index.json

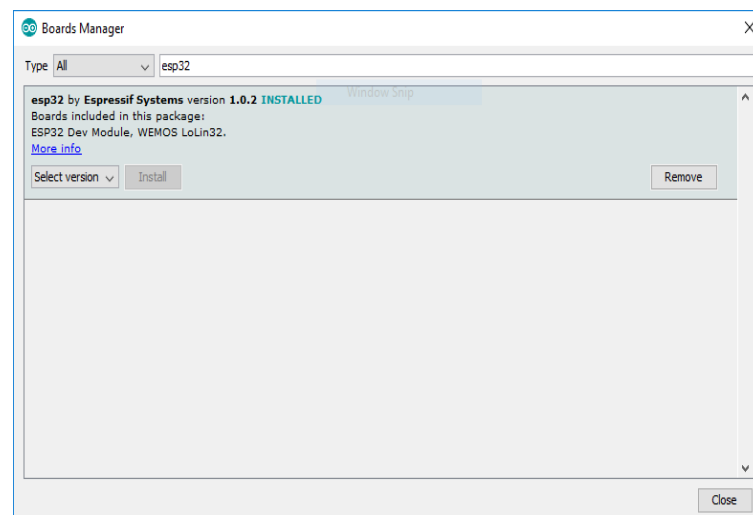


3. Open the Boards Manager. Go to Tools > Board > Boards



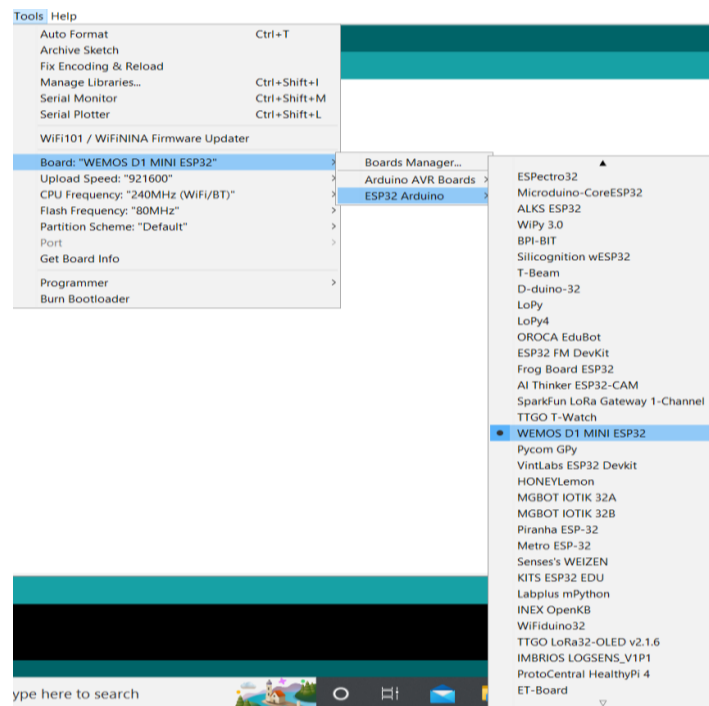
Now write above : **ESP32**

After that will appear in this way:

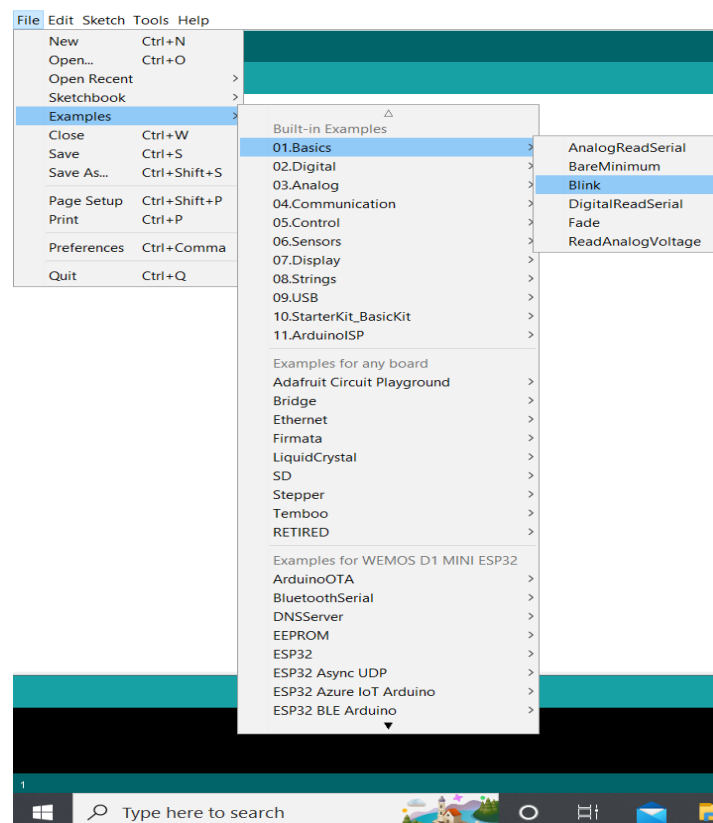


Testing the Installation

1. Select Board in Tools > Board menu: **WEMOS D1 MINI ESP32**



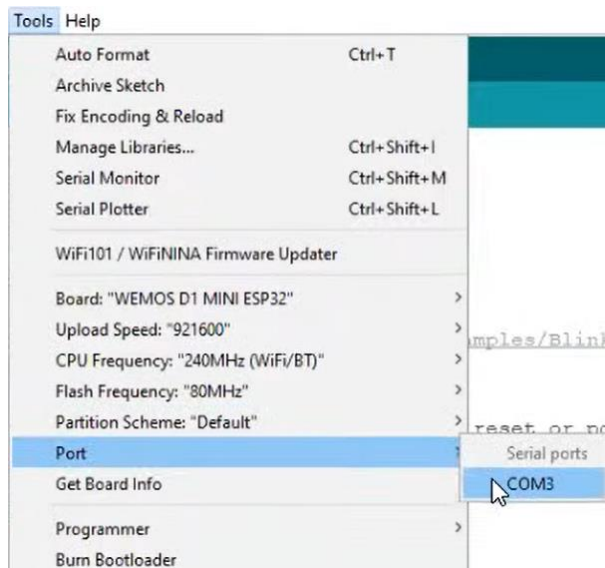
2. Open the following example under File > Examples > 01 Basic > Blink



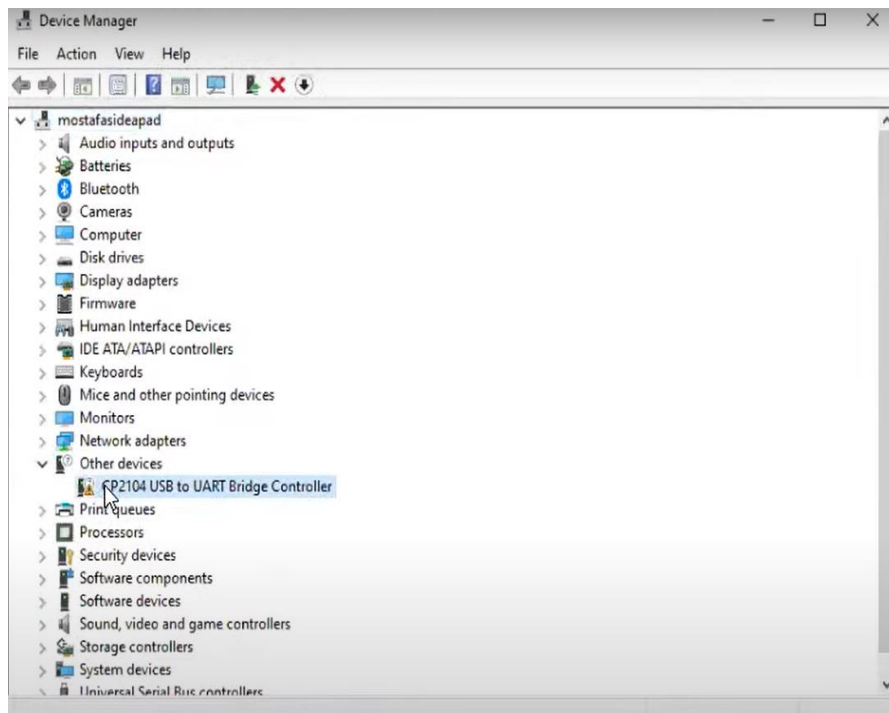
3. A new sketch opens in your Arduino IDE:



4. Select the port Tools > Port > COM3



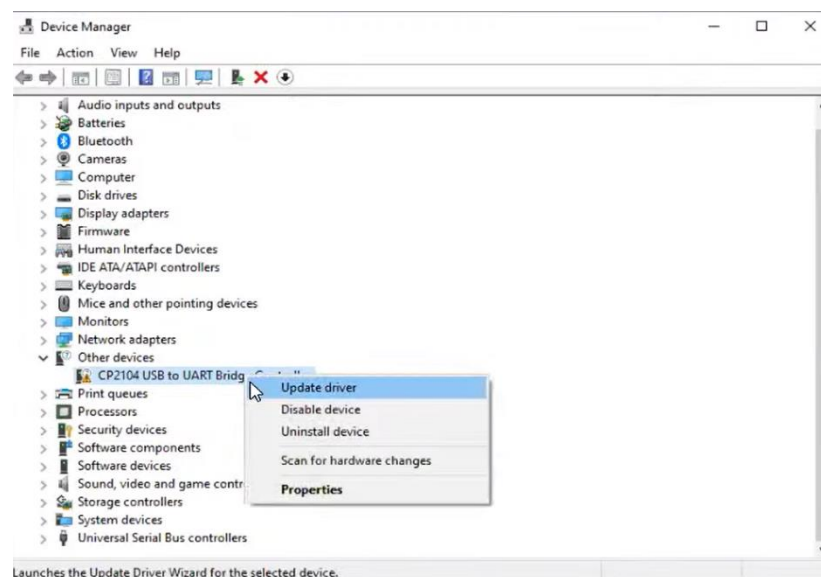
if you don't see the COM Port in your Arduino IDE, you need to install the [CP2104 USB to UART Bridge Controller](#)):



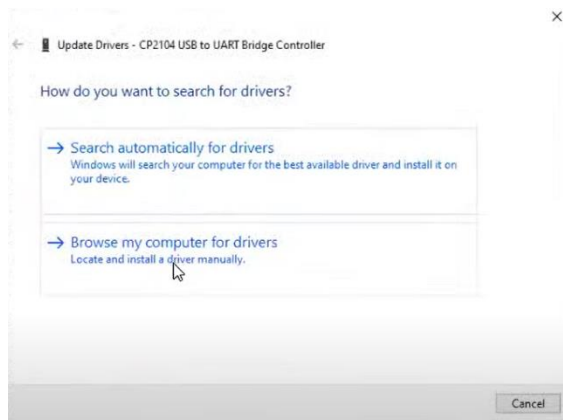
After install the [CP2104 USB to UART Bridge Controller](#) and open file will copy this link:



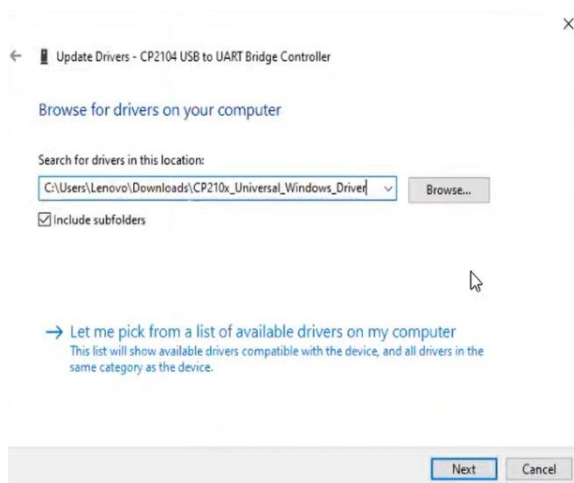
Go to the Device Manager and select Update driver as below:



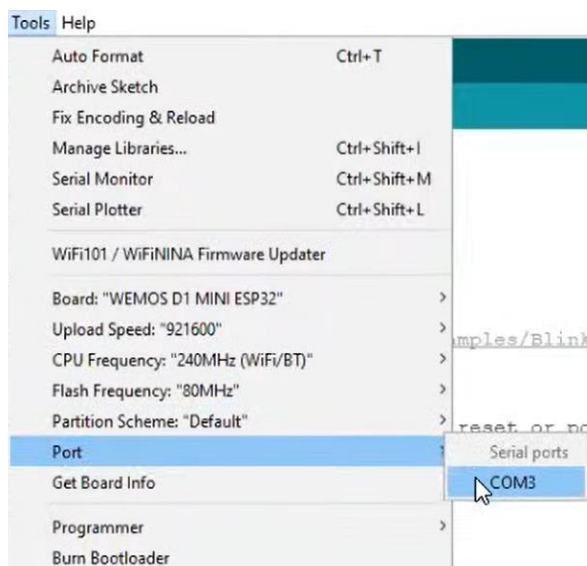
Select **Browse my computer for drivers**



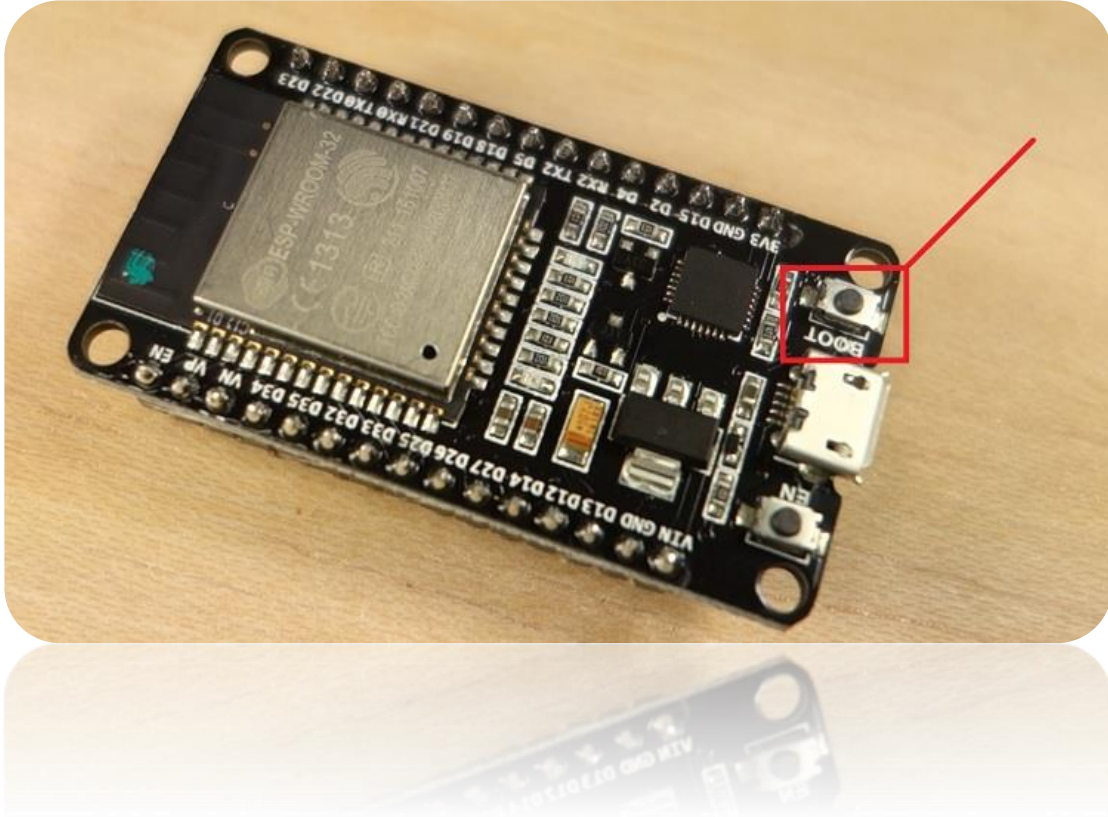
Now paste the link your copy in this place:



Back again to Arduino IDE and Select the port Tools > Port > COM3



Now you can see the light on ESP32 WROOM it will be work



Reference:

1-From lecture

2- <https://randomnerdtutorials.com/installing-the-esp32-board-in-arduino-ide->