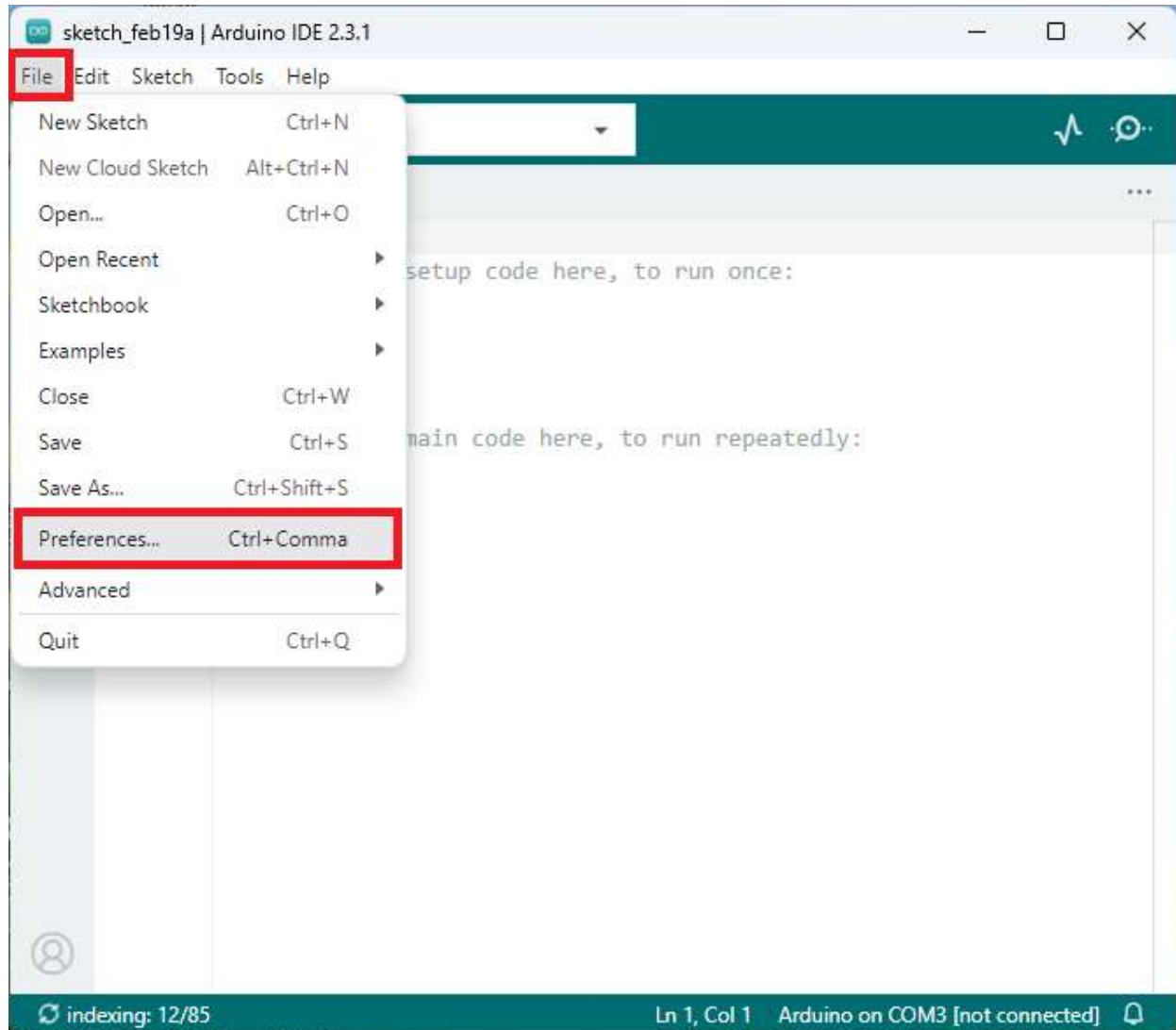


Installing the ESP8266 NodeMCU in Arduino IDE

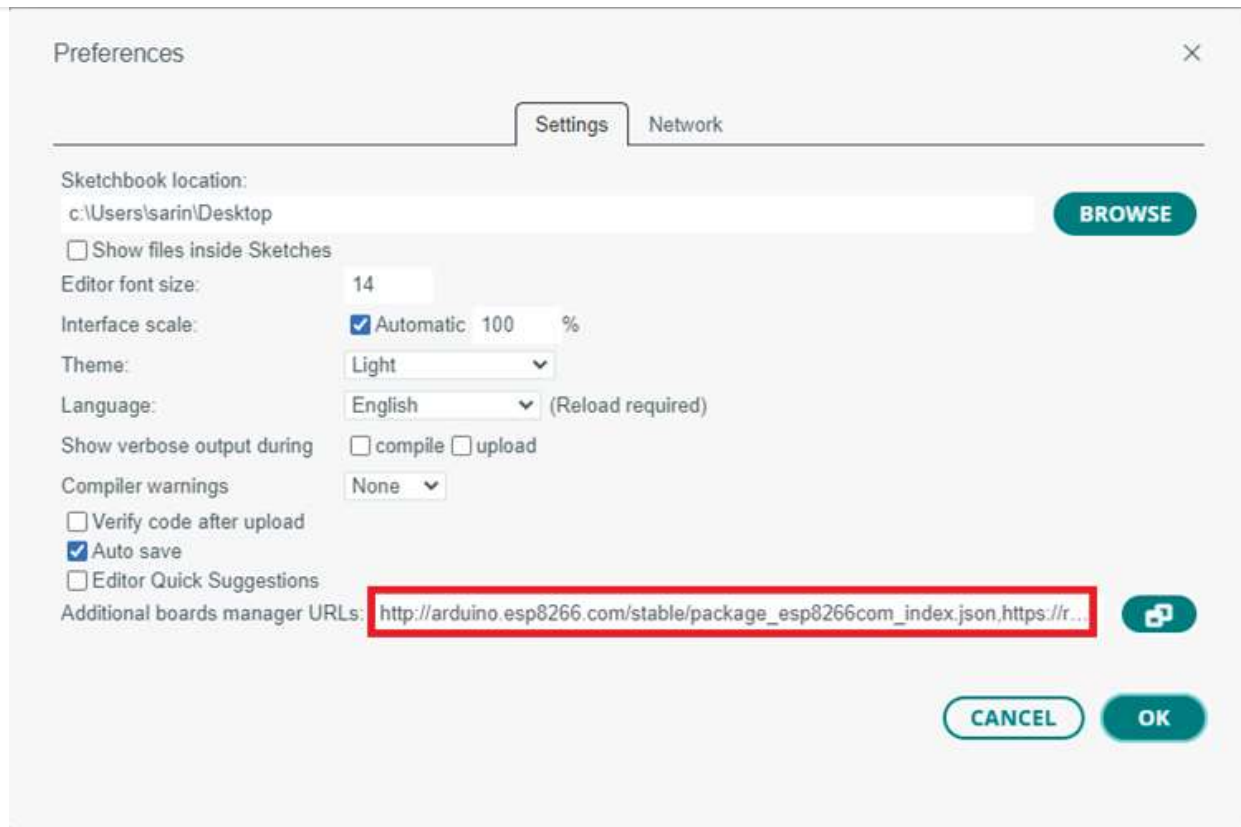
To install the ESP32 board in your Arduino IDE, follow these next instructions:

1. In your Arduino IDE 2, go to **File > Preferences**.



2. Copy and paste the following line to the **Additional Boards Manager URLs** field.

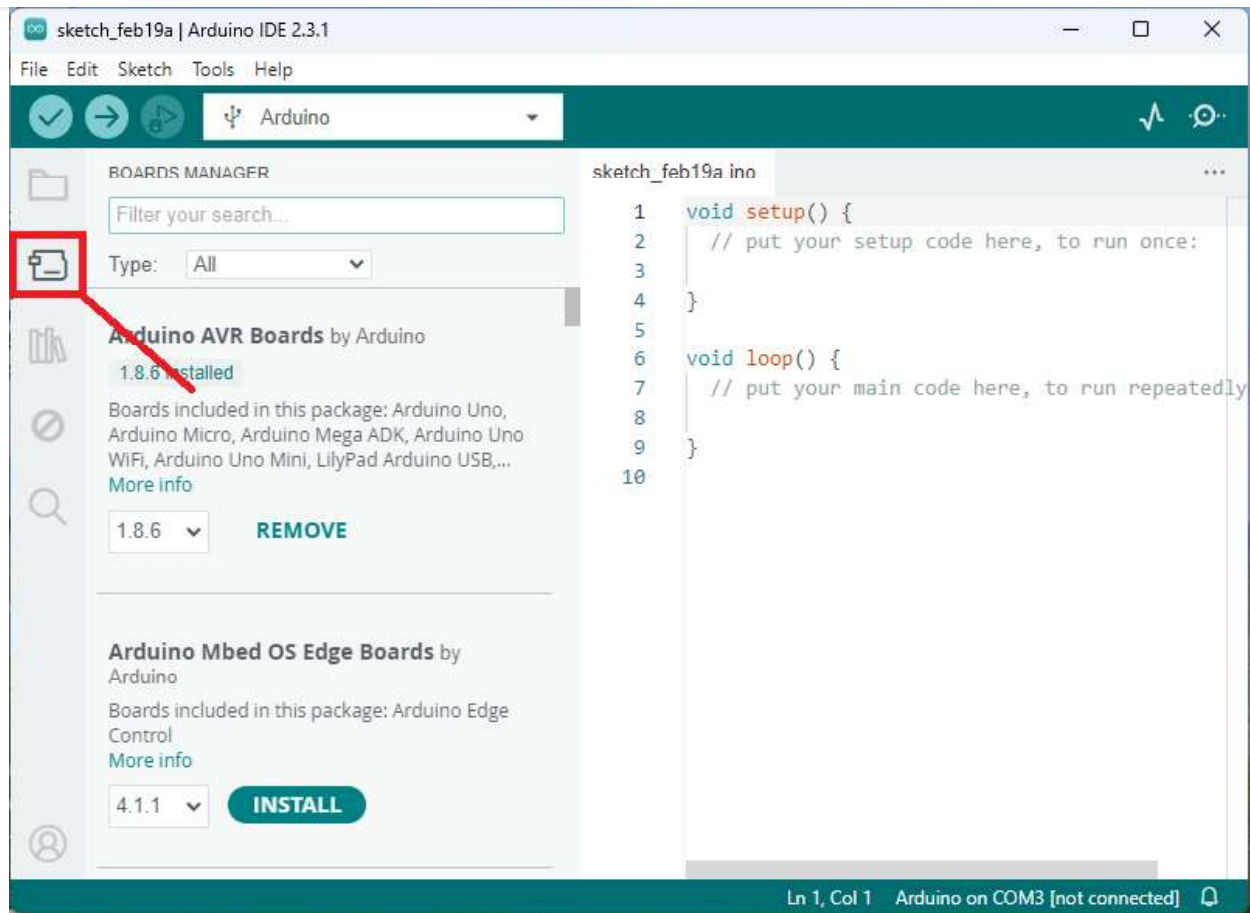
`https://arduino.esp8266.com/stable/package_esp8266com_index.js`
on



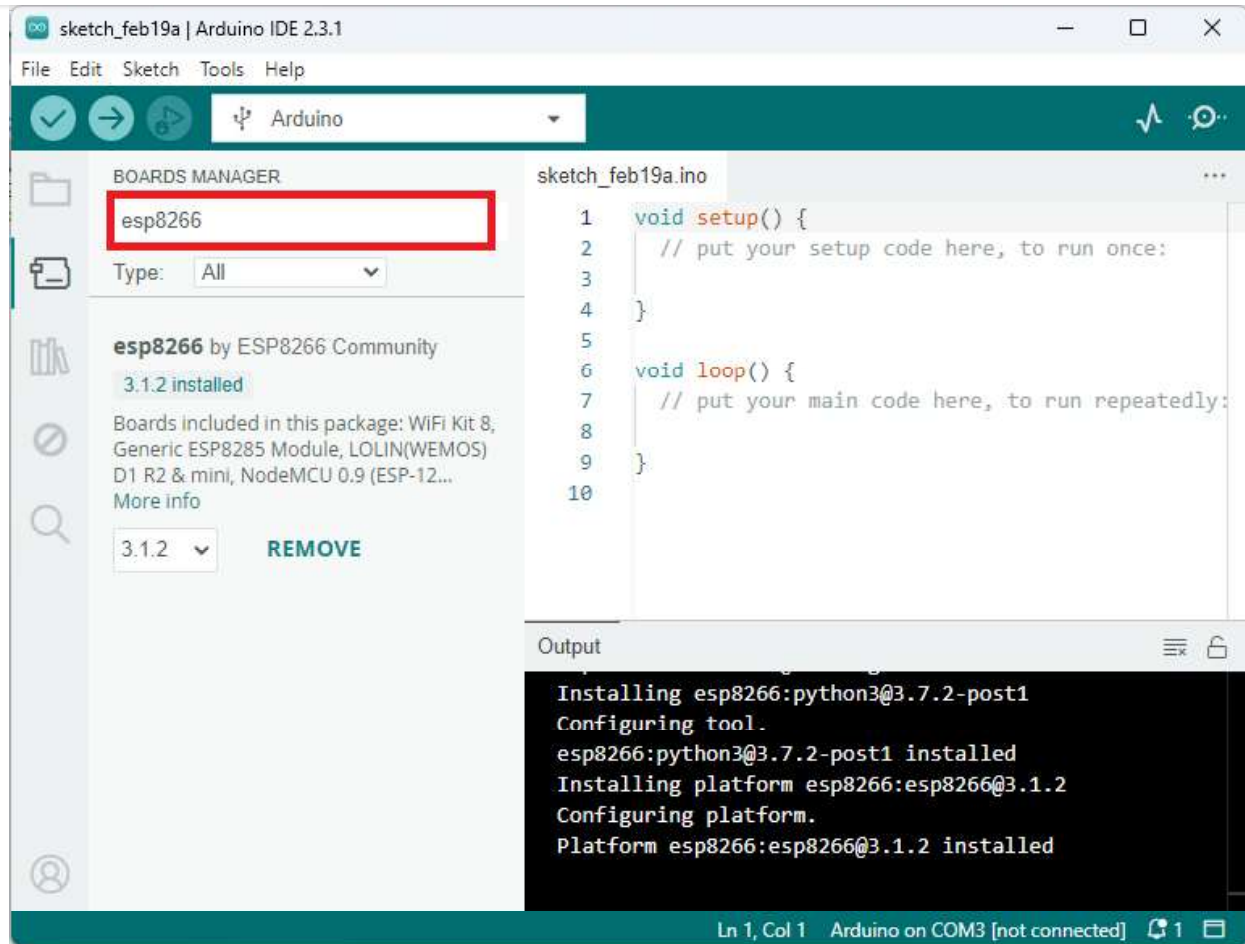
Note: if you already have the ESP32 boards URL, you can separate the URLs with a comma, as follows:

`http://arduino.esp8266.com/stable/package_esp8266com_index.json,
https://raw.githubusercontent.com/espressif/arduino-esp32/gh-
pages/package_esp32_index.json`

3. Open the Boards Manager. You can go to **Tools > Board > Boards Manager...** or you can simply click the **Boards Manager** icon in the left-side corner.



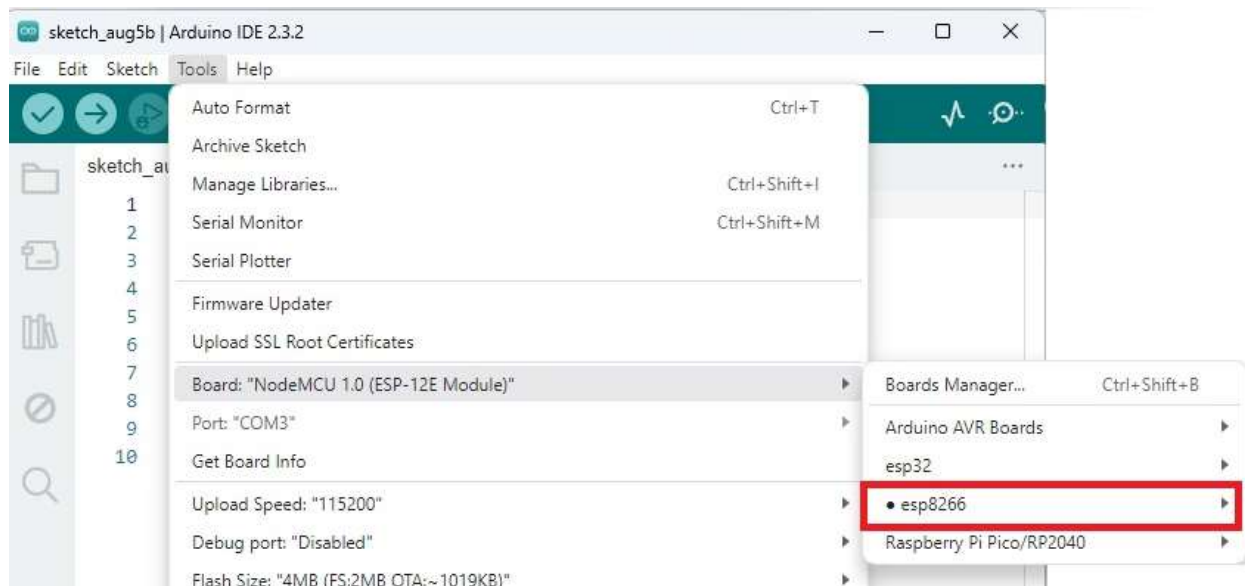
4. Search for **ESP8266** and press the install button for **esp8266 by ESP8266 Community**.



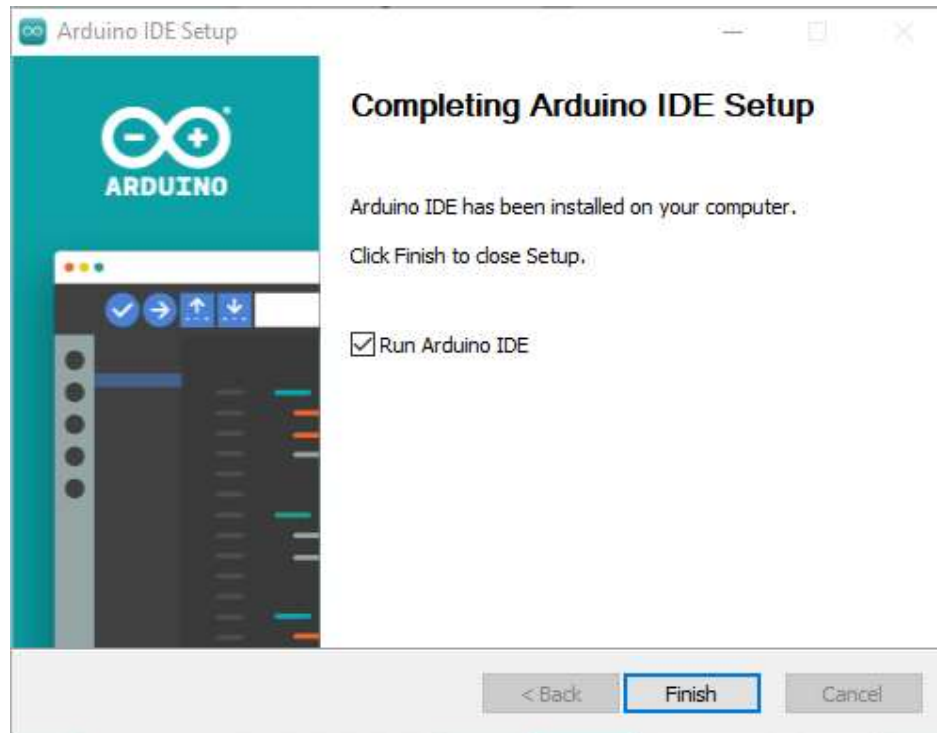
That's it. It should be installed after a few seconds.

After this, restart your Arduino IDE.

Then, go to **Tools > Board** and check that you have ESP8266 boards available.



Now, you're ready to start programming your ESP8266 using Arduino IDE.



If you have doubts, you can go to the [Arduino Installation Guide](#).

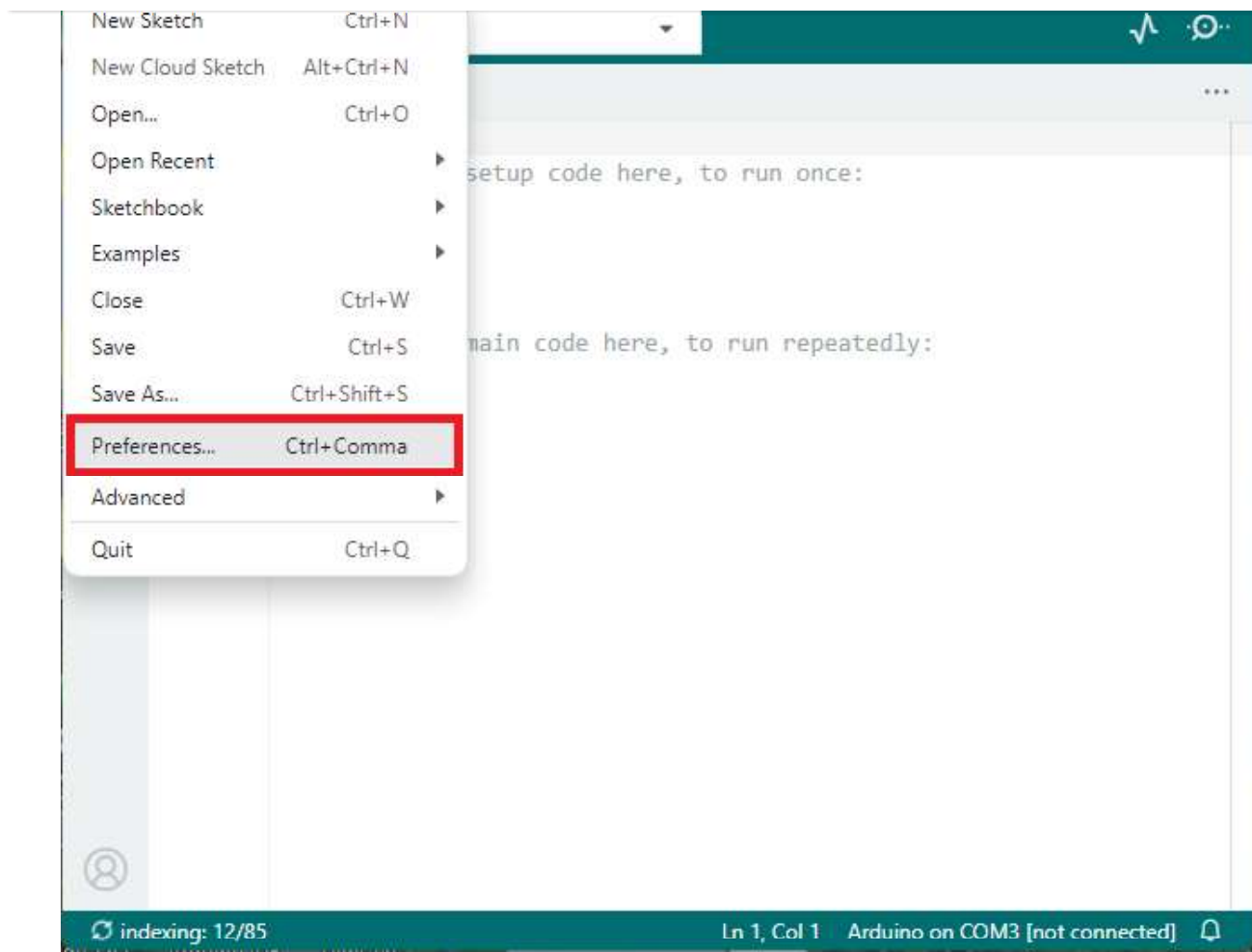
Do you need an ESP32 board? [You can buy it here](#).

Recommended reading: [ESP32 Development Boards Review and Comparison](#)

Installing the ESP32 in Arduino IDE

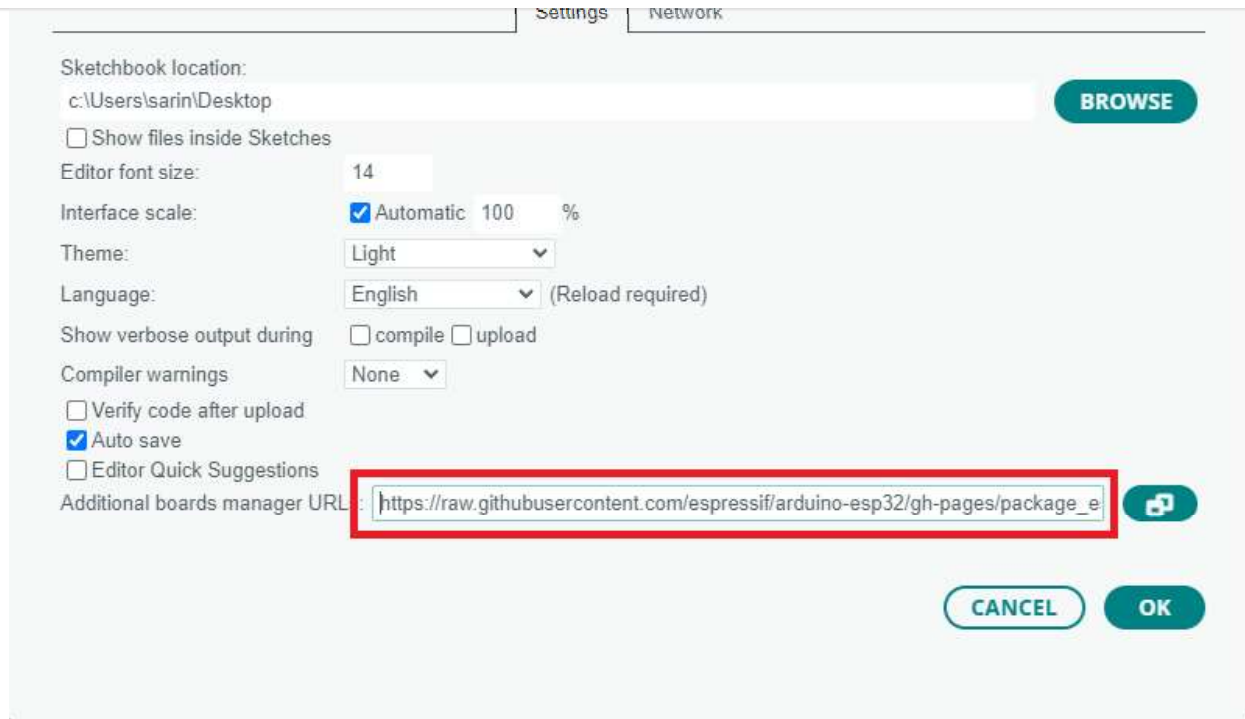
To install the ESP32 board in your Arduino IDE, follow these next instructions:

1. In your Arduino IDE 2, go to **File > Preferences**.



2. Copy and paste the following line to the **Additional Boards Manager** URLs field.

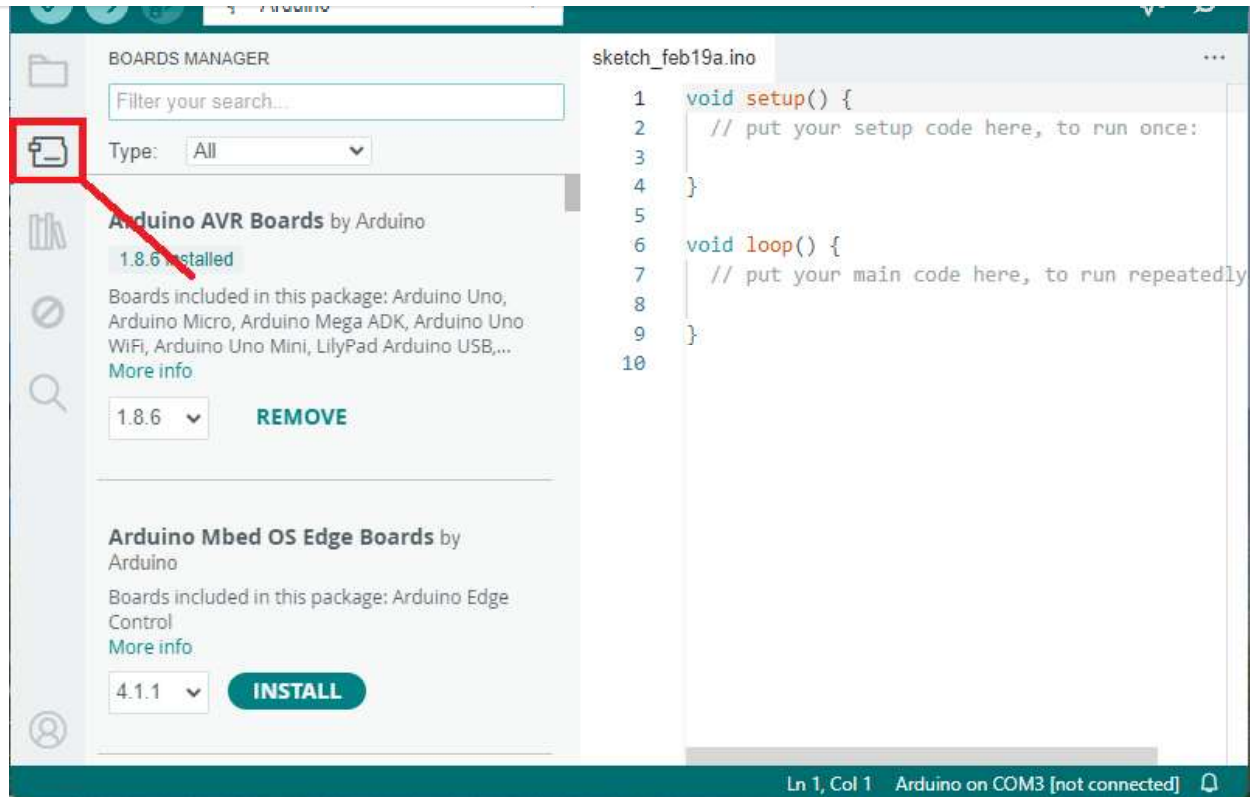
```
https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package\_esp32\_index.json
```



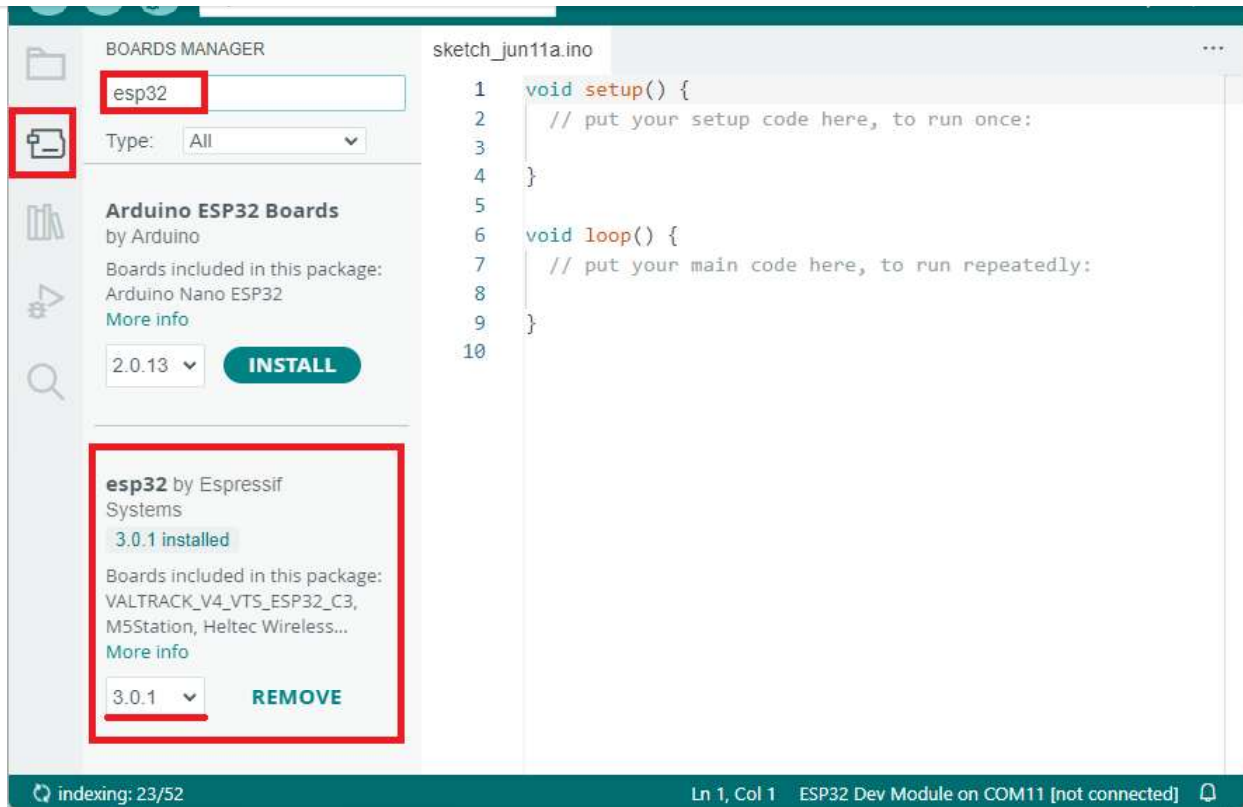
Note: if you already have the ESP8266 boards URL, you can separate the URLs with a comma, as follows:

```
http://arduino.esp8266.com/stable/package_esp8266com_index.json,  
https://raw.githubusercontent.com/espressif/arduino-esp32/gh-  
pages/package_esp32_index.json
```

3. Open the Boards Manager. You can go to **Tools > Board > Boards Manager...** or you can simply click the **Boards Manager** icon in the left-side corner.



4. Search for **ESP32** and press the install button for **esp32 by Espressif Systems version 3.X**.



That's it. It should be installed after a few seconds.

After this, restart your Arduino IDE.

Then, go to **Tools > Board** and check that you have ESP32 boards available.