

# Arduino Installation &ESP32 Setup

# Software Installation



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## Arduino IDE 2.1.1

The new major release of the Arduino IDE is faster and even more powerful! In addition to a more modern editor and a more responsive interface it features autocompletion, code navigation, and even a live debugger.

For more details, please refer to the [Arduino IDE 2.0 documentation](#).

Nightly builds with the latest bugfixes are available through the section below.

SOURCE CODE

The Arduino IDE 2.0 is open source and its source code is hosted on [GitHub](#).

### DOWNLOAD OPTIONS

**Windows** Win 10 and newer, 64 bits

**Windows** MSI installer

**Windows** ZIP file

**Linux** Appliance 64 bits (X86-64)

**Linux** ZIP file 64 bits (X86-64)

**macOS** Intel, 10.14: "Mojave" or newer, 64 bits

**macOS** Apple Silicon, 11: "Big Sur" or newer, 64 bits

[Release Notes](#)

### Support the Arduino IDE

Since the release 1.x release in March 2015, the Arduino IDE has been downloaded **74,879,381** times — impressive! Help its development with a donation.

\$3

\$5

\$10

\$25

\$50

Other

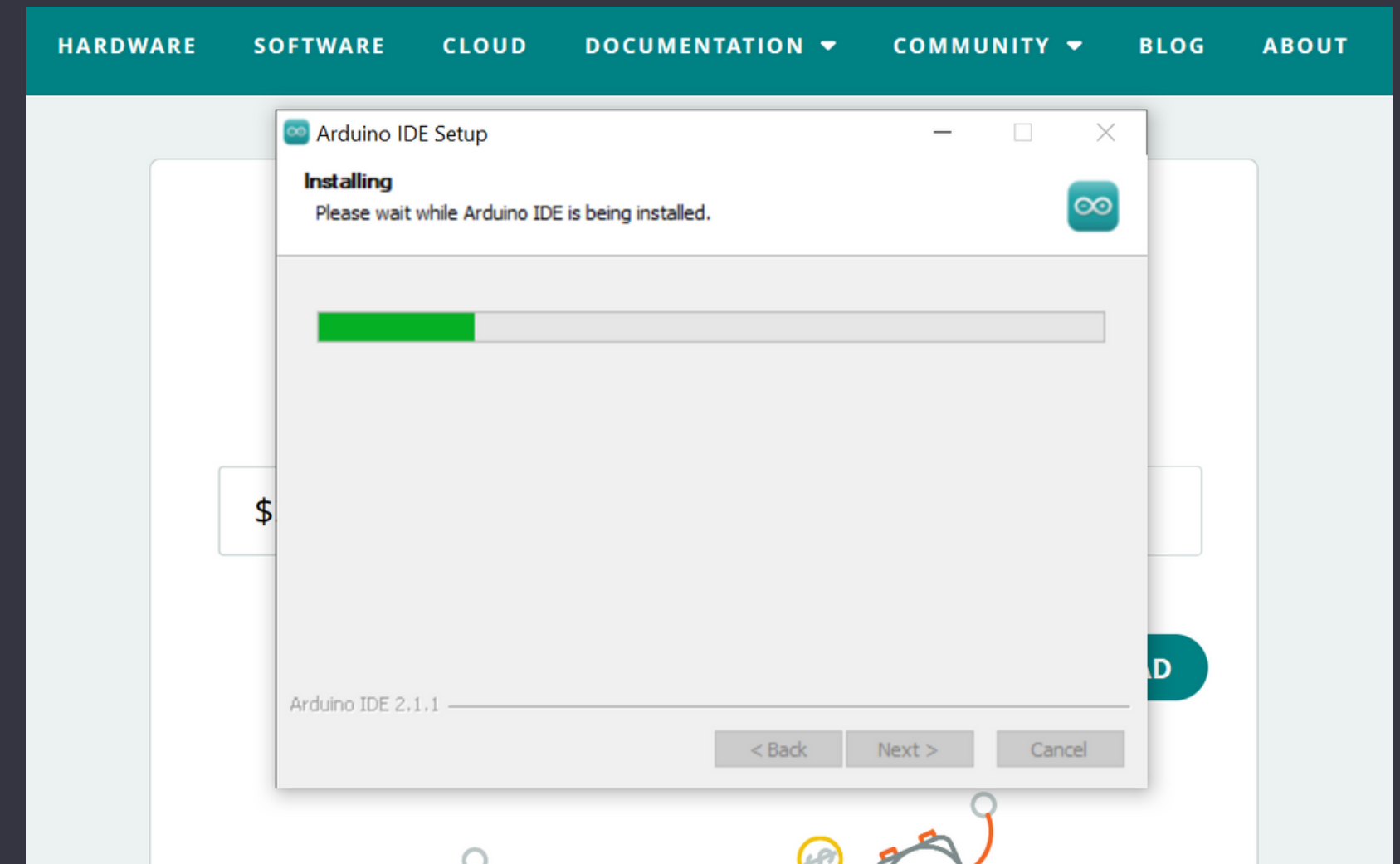
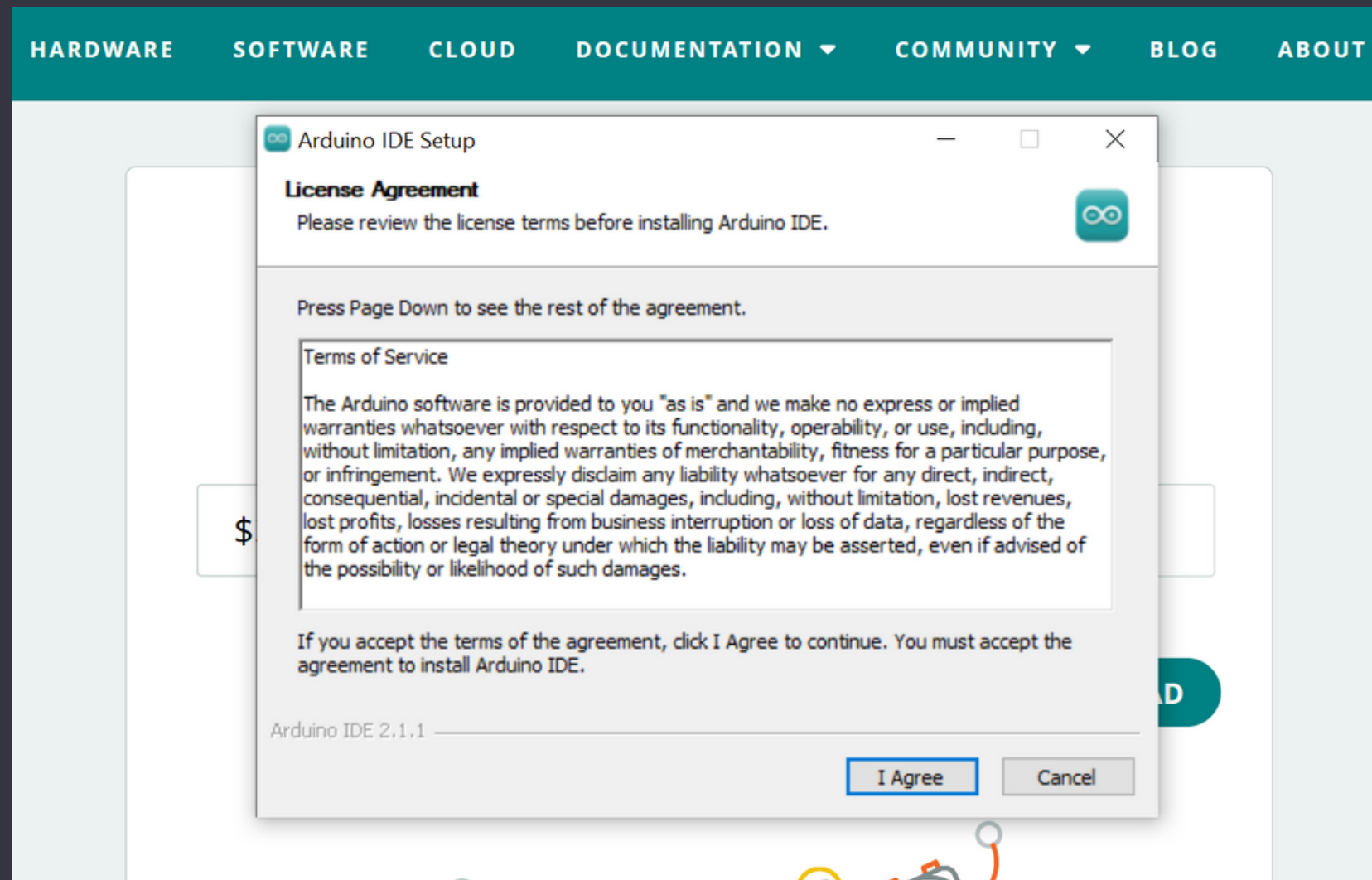
JUST DOWNLOAD

CONTRIBUTE & DOWNLOAD

Download Arduino IDE!

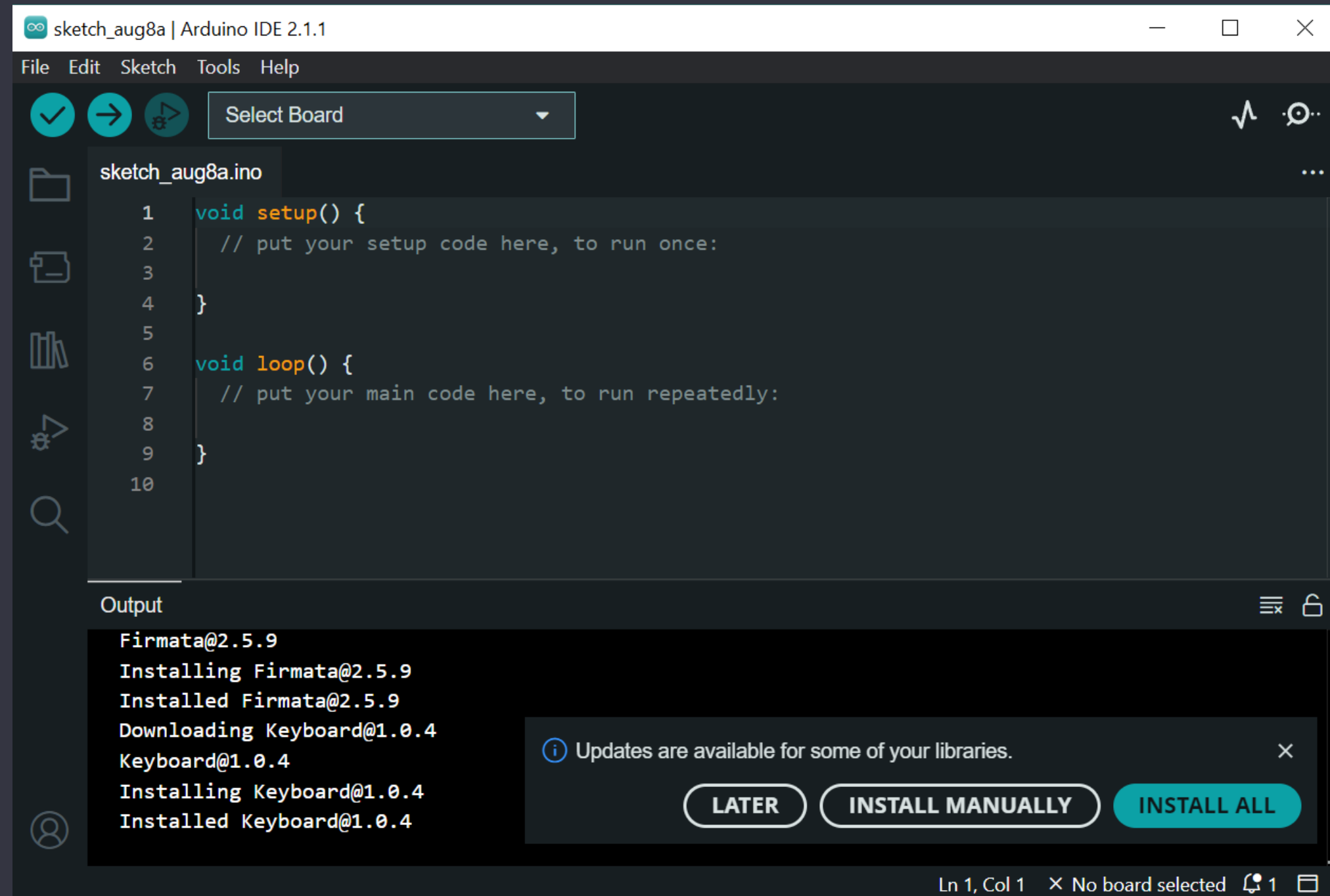


# Software Installation(2)



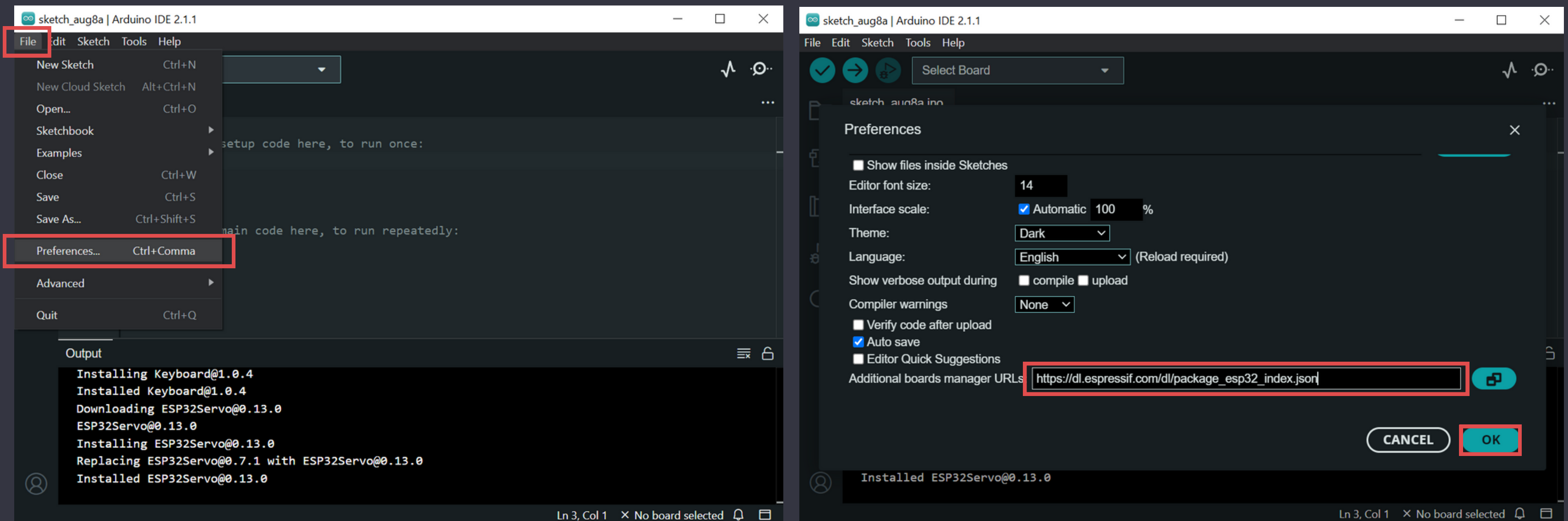
Open downloaded file > I Agree > next > Install > Finish

# Finish Installation!



wait and add more libraries

# ESP32 Setup

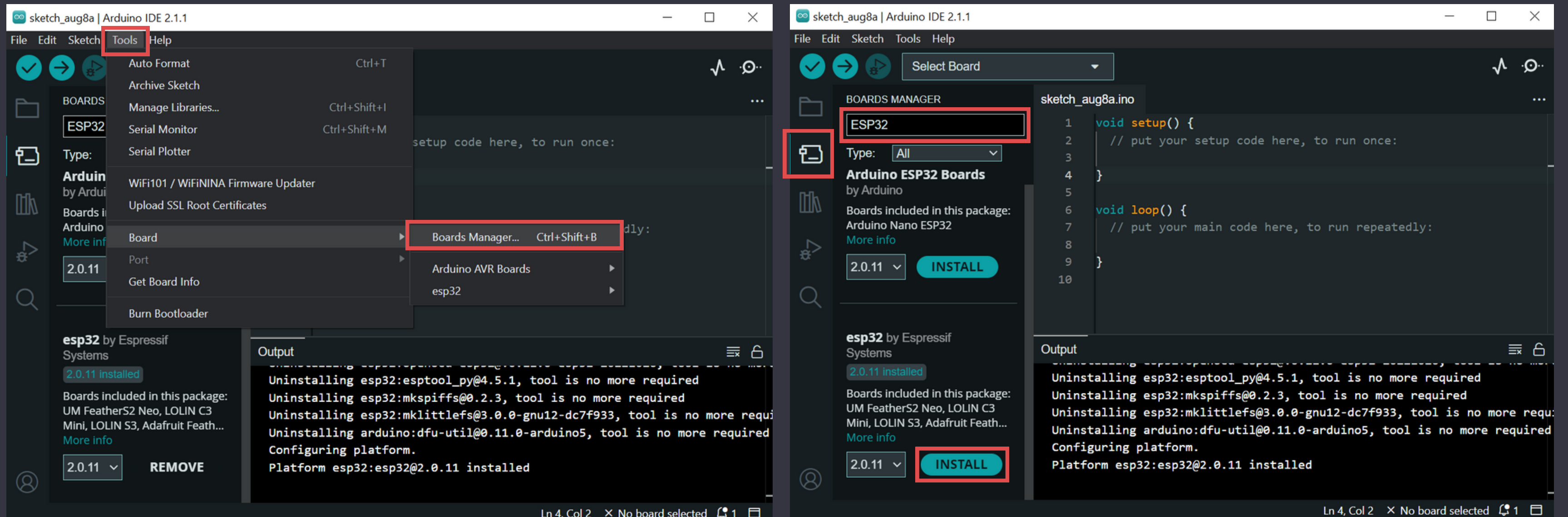


File > Preferences... > Additional boards manager URLs

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

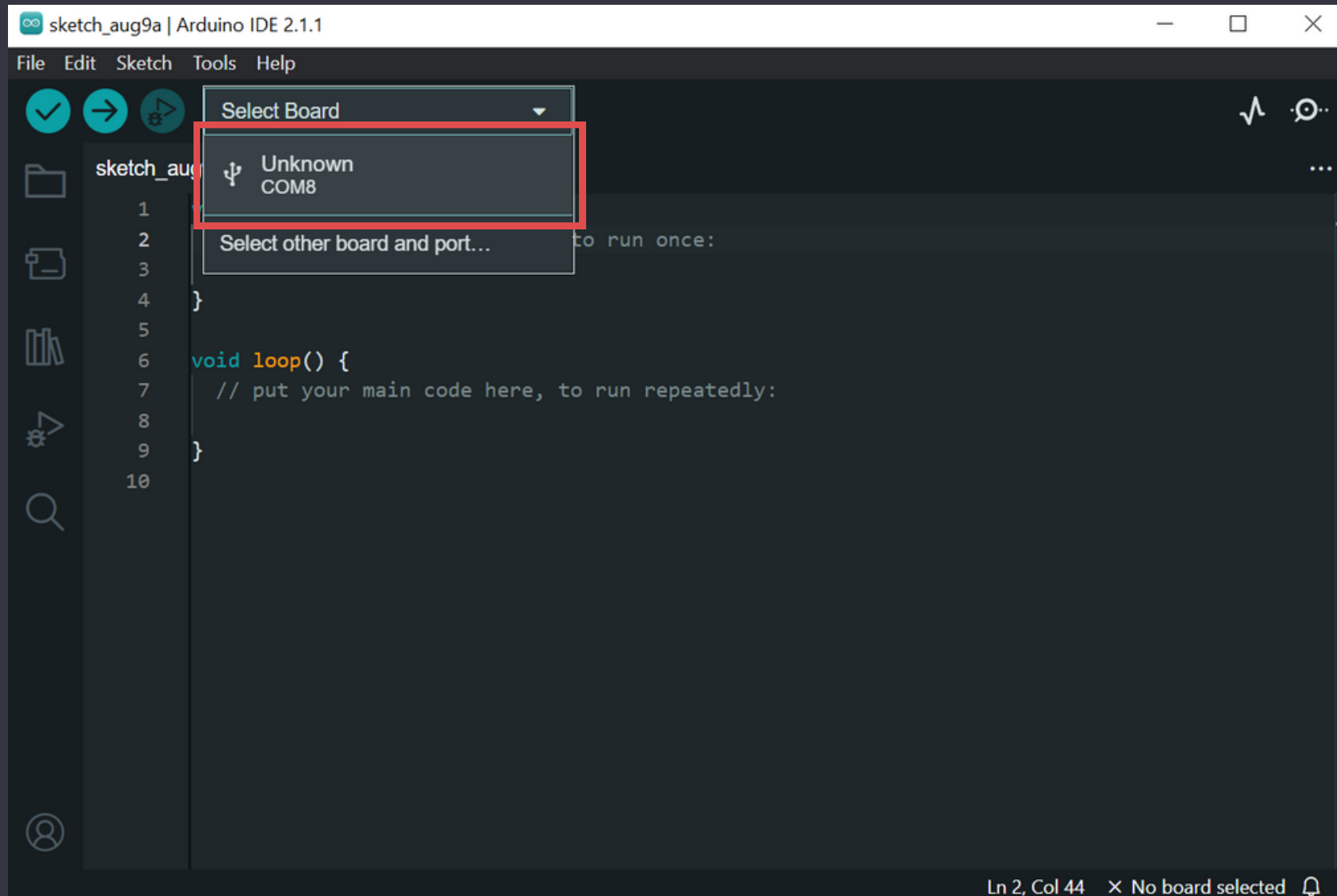


# ESP32 Setup(2)

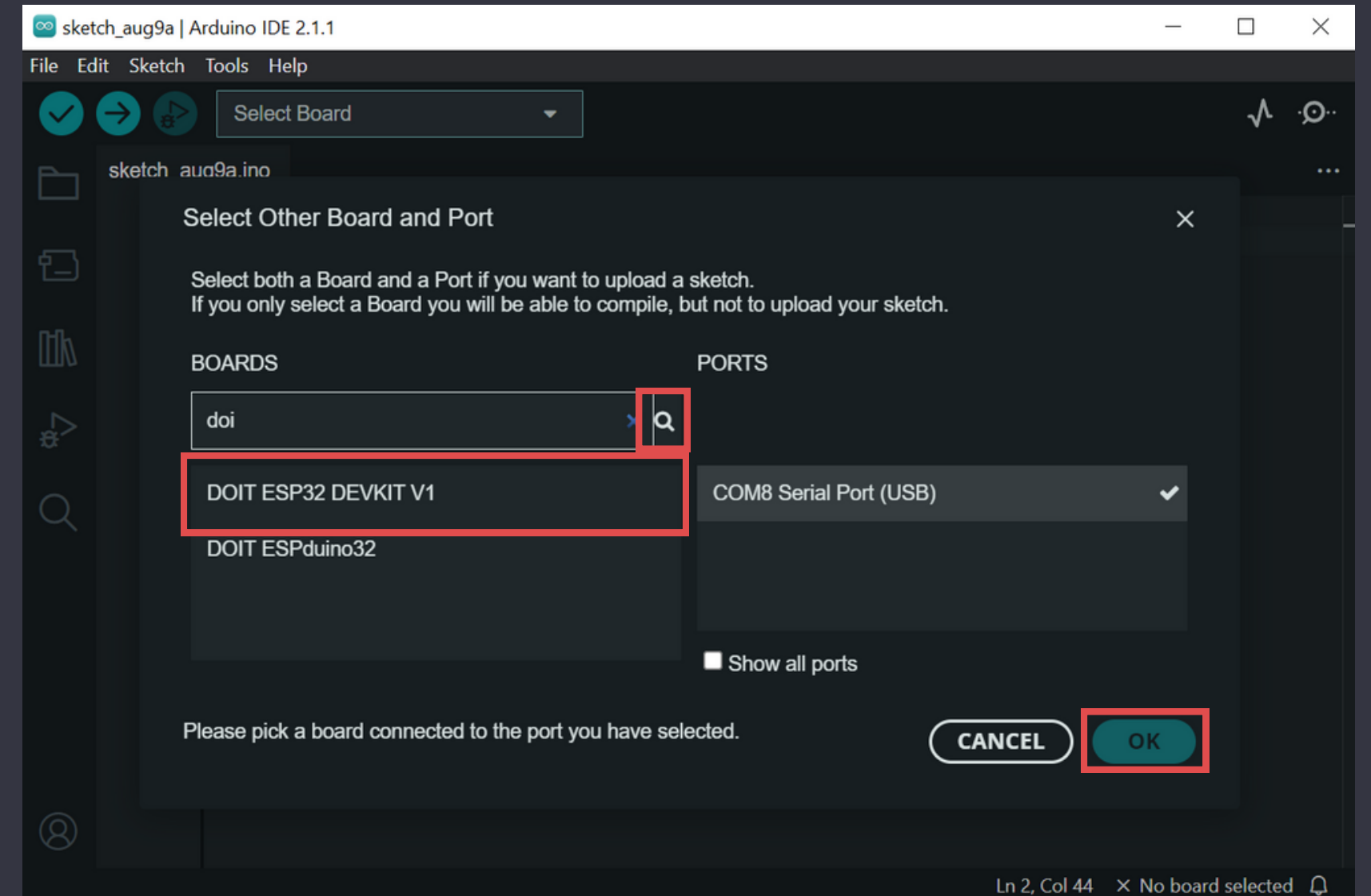


Board Manager > "ESP32" > INSTALL (esp32 by Espressif)

# Connect Board ESP32

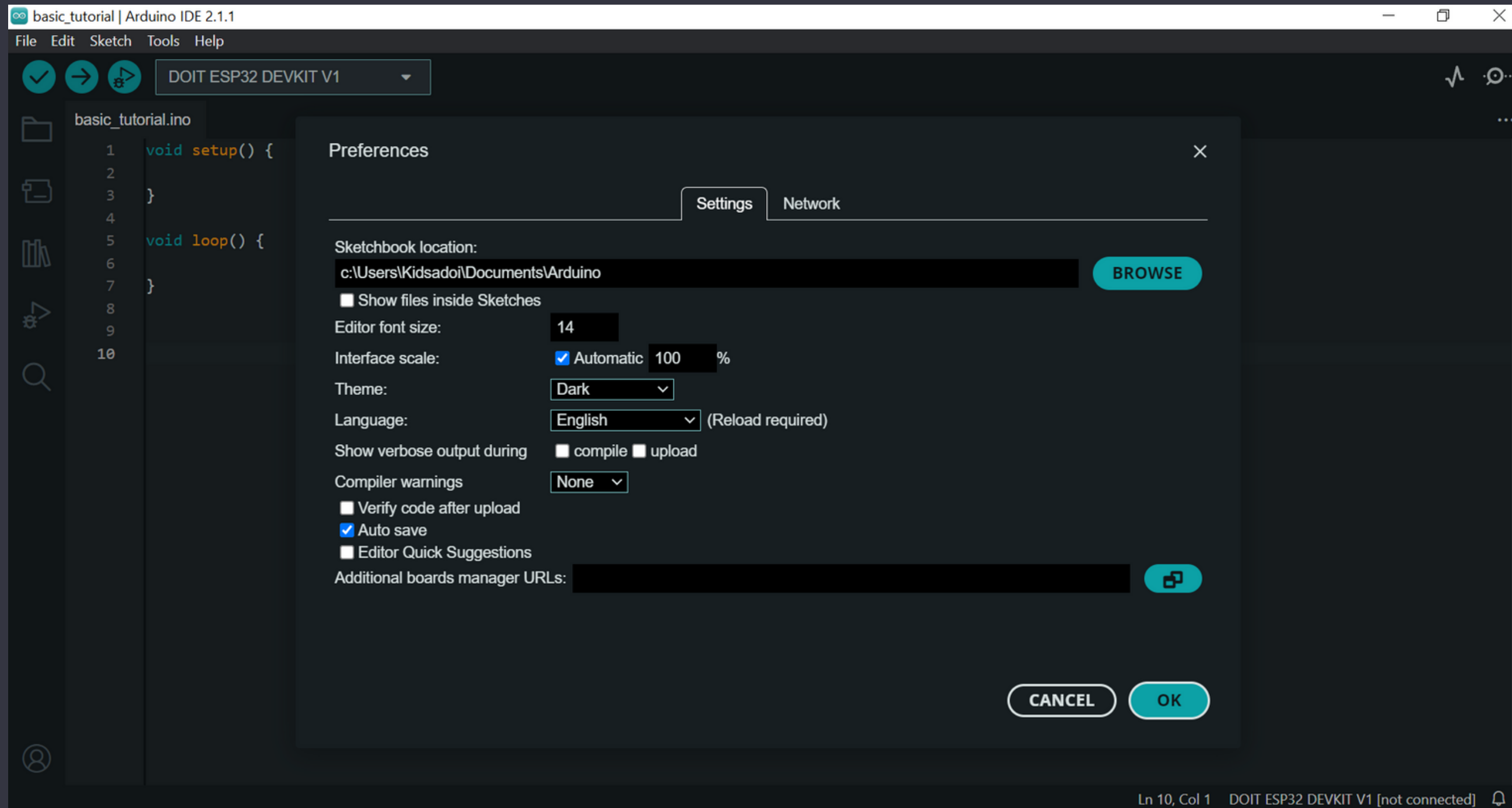


Select Board > COM...



BOARDS > "DOIT ESP32 DEVKIT V1" > OK

# Custom Your Style



File > Preferences...