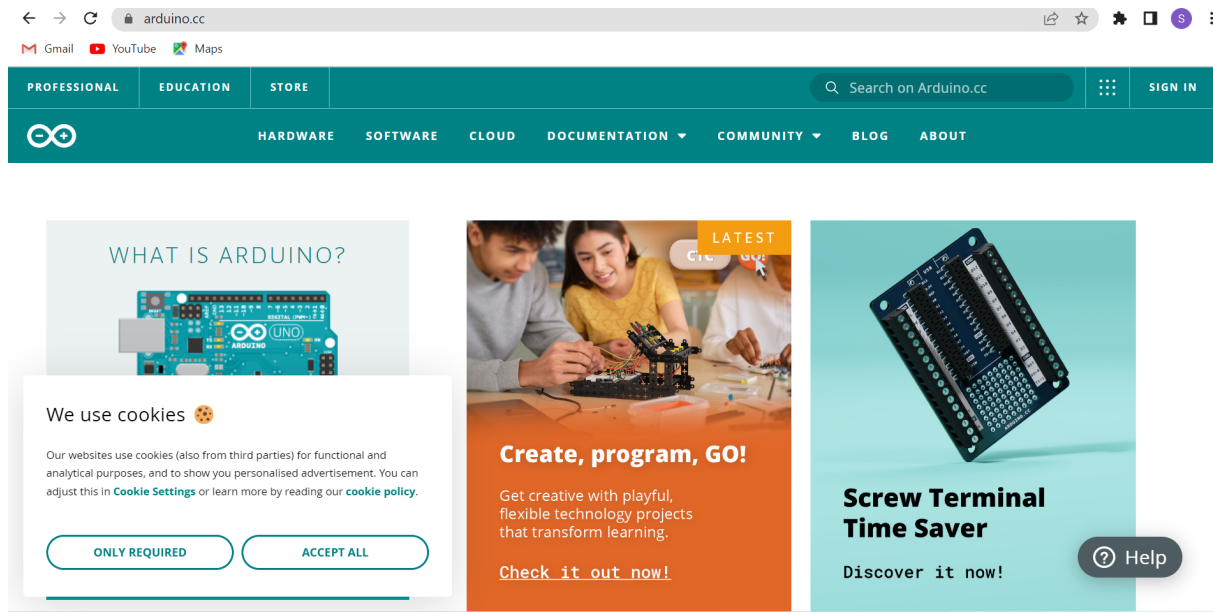
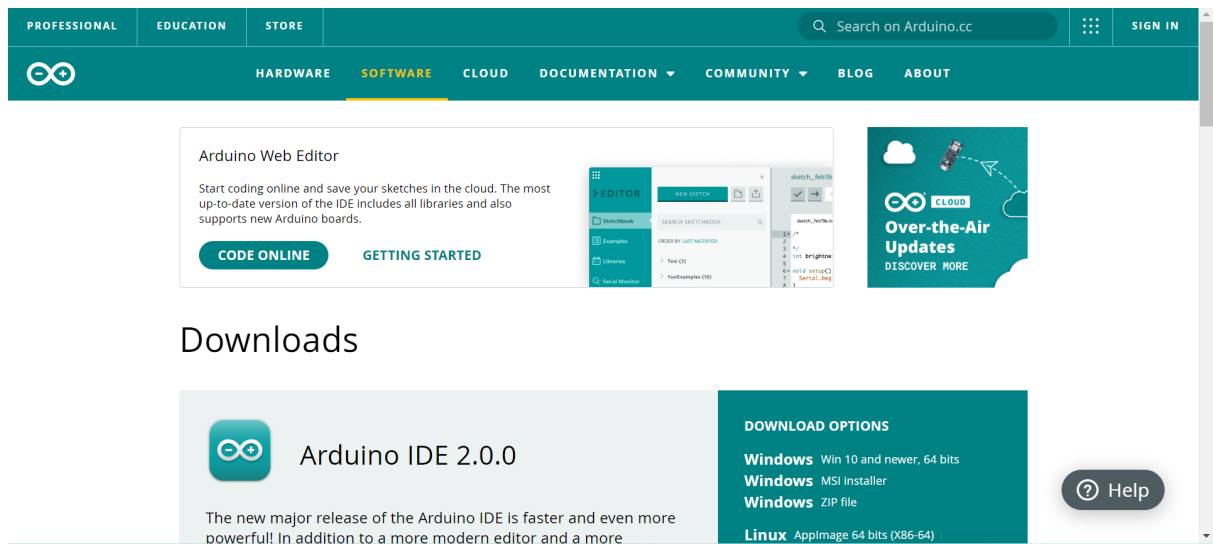


# Arduino installation Guide

- Download the arduino software from <https://www.arduino.cc>



- Navigate to **Softwares** in the home page :



- Select arduino ide 1.8.19

And choose **windows win7 and newer**

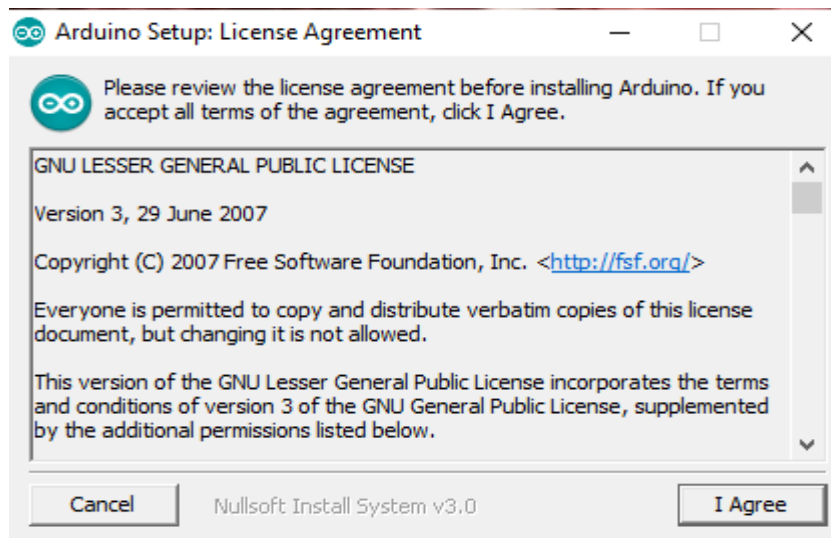
The screenshot shows the Arduino IDE 1.8.19 download page. The header is teal with the Arduino logo and navigation links: HARDWARE, SOFTWARE (highlighted), CLOUD, DOCUMENTATION, COMMUNITY, BLOG, and ABOUT. The main content area is light gray. On the left, there's a section for 'Arduino IDE 1.8.19' with a description: 'The open-source Arduino Software (IDE) makes it easy to write code and upload it to the board. This software can be used with any Arduino board.' It also mentions 'Refer to the Getting Started page for Installation instructions.' and 'SOURCE CODE' with a link to GitHub. On the right, there's a teal sidebar titled 'DOWNLOAD OPTIONS' with links for Windows (Win 7 and newer, ZIP file), Windows app (Win 8.1 or 10), Linux (32 bits, 64 bits, ARM 32 bits, ARM 64 bits), and Mac OS X (10.10 or newer). At the bottom right, there's a 'Help' button.

- Next, click on **just download**

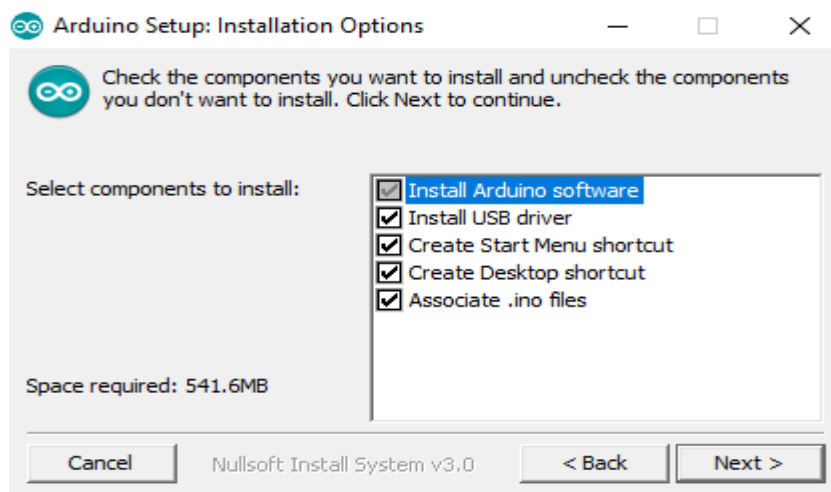
The screenshot shows the 'Support the Arduino IDE' page. The header is teal with the Arduino logo and navigation links: PROFESSIONAL, EDUCATION, STORE, and a search bar. The main content area is light gray. It features a section titled 'Support the Arduino IDE' with a message: 'Since the release 1.x release in March 2015, the Arduino IDE has been downloaded 65,757,464 times — impressive! Help its development with a donation.' Below this are buttons for donation amounts: \$3, \$5, \$10, \$25, \$50, and Other. There are two main buttons: 'JUST DOWNLOAD' and 'CONTRIBUTE & DOWNLOAD'. At the bottom, there are illustrations of Arduino boards and a robot. A 'Help' button is visible in the bottom right corner.

- Once done open the **downloaded file**.

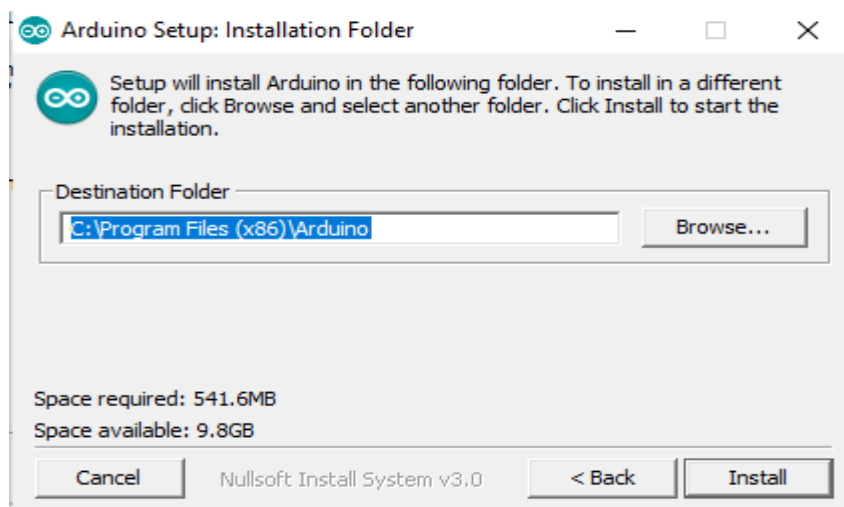
Click on **I agree**



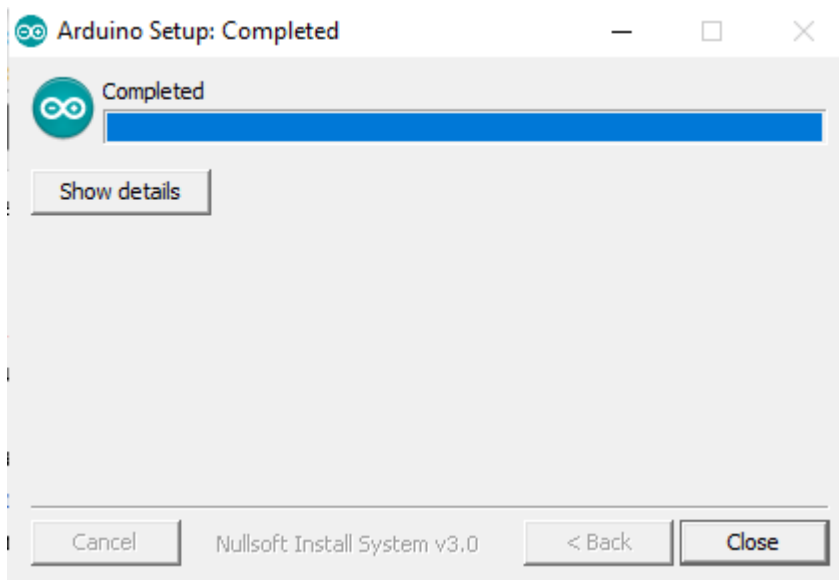
Click on **Next**



Click on **Install**

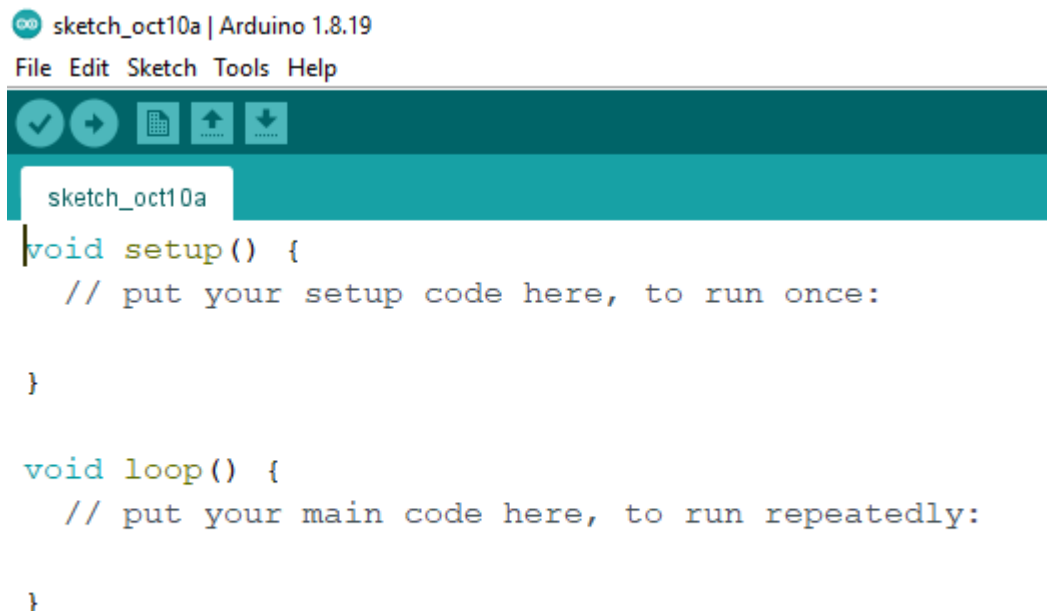


Click on **close**.

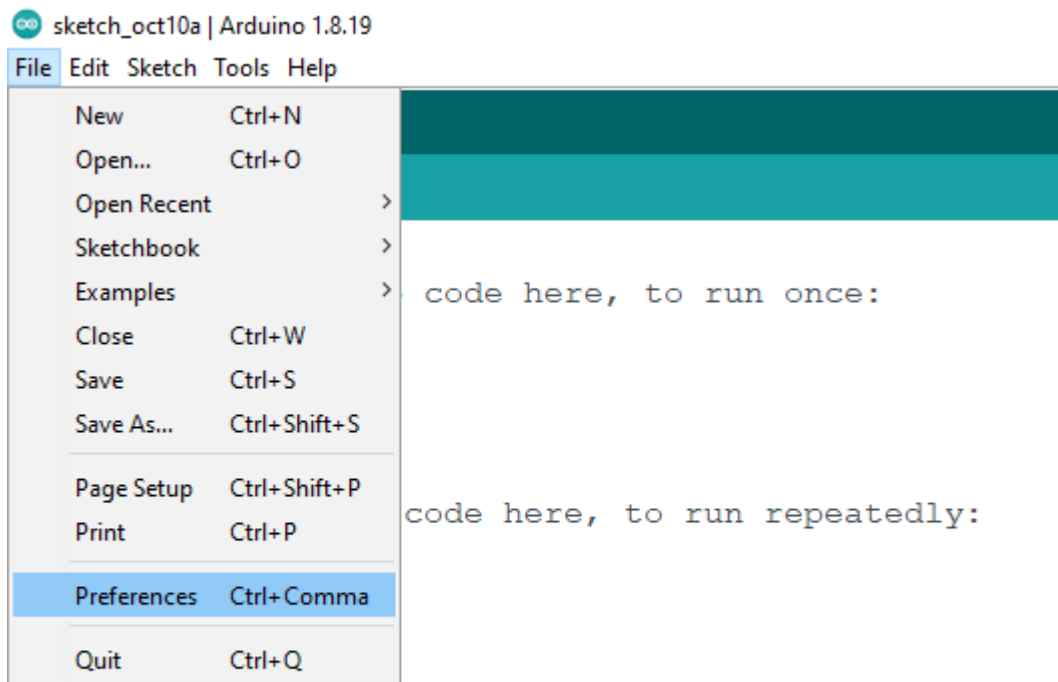


## Adding board manager:

1. Open the arduino application.
2. Click on **file**.

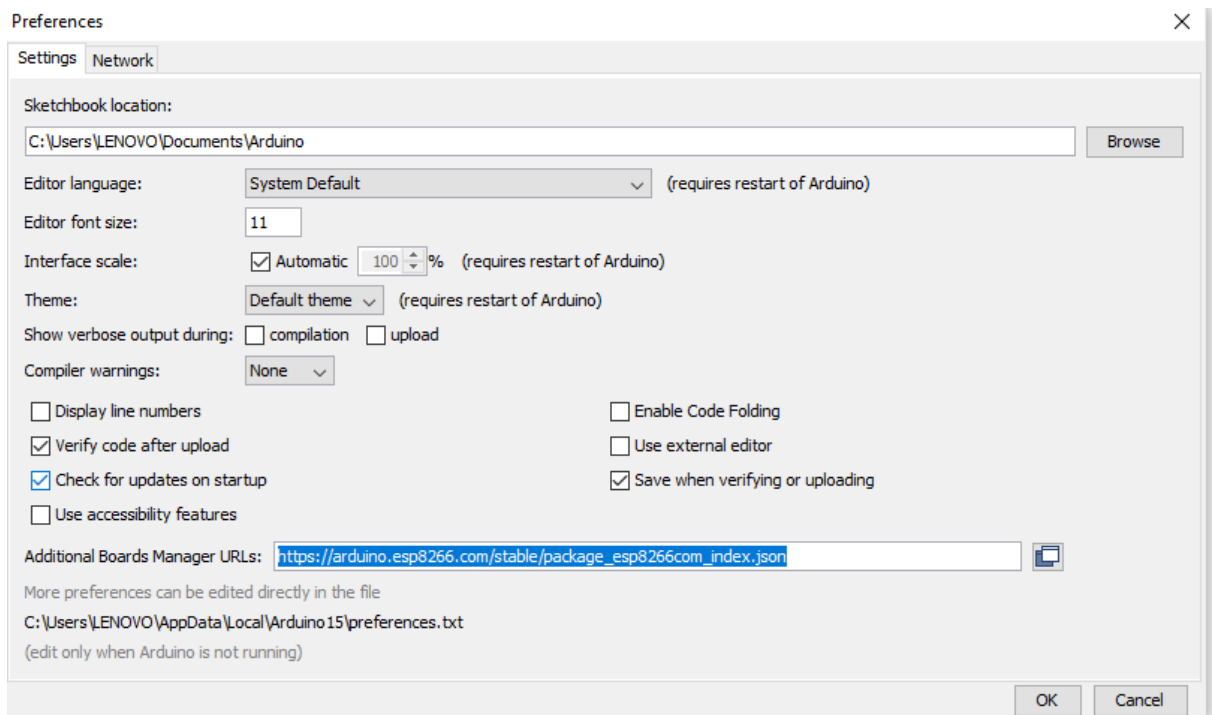


3. Click on **preferences**.



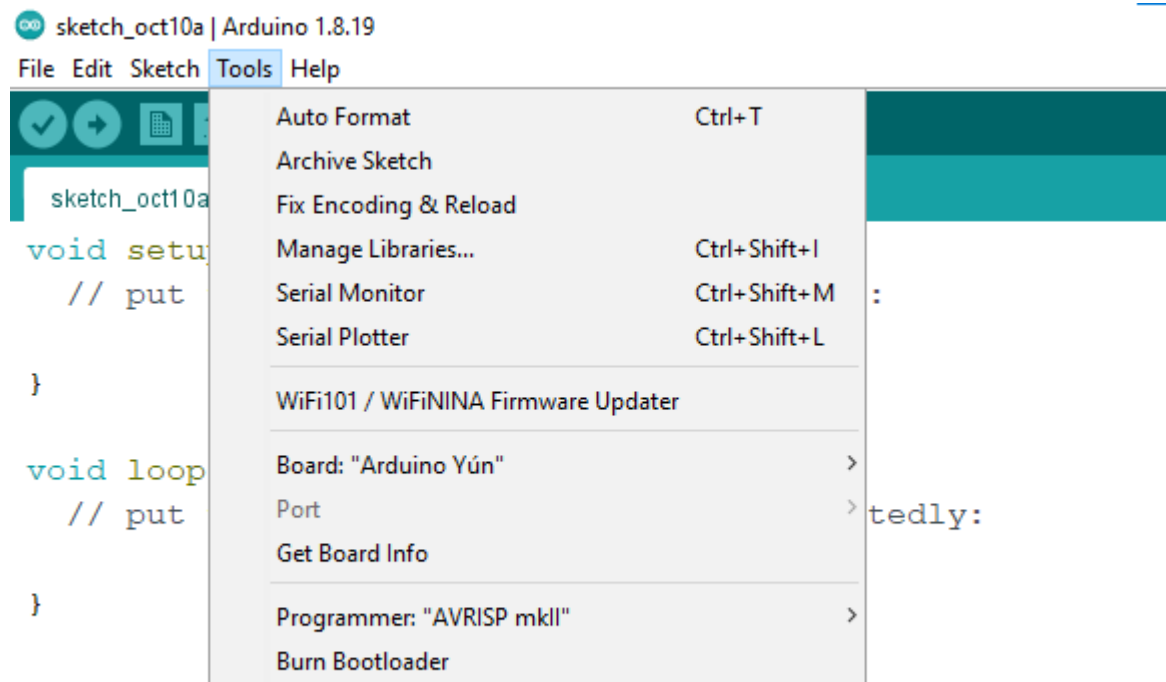
[https://arduino.esp8266.com/stable/package\\_esp8266com\\_index.json](https://arduino.esp8266.com/stable/package_esp8266com_index.json)

4. Paste the given url in the **additional board managers urls**.

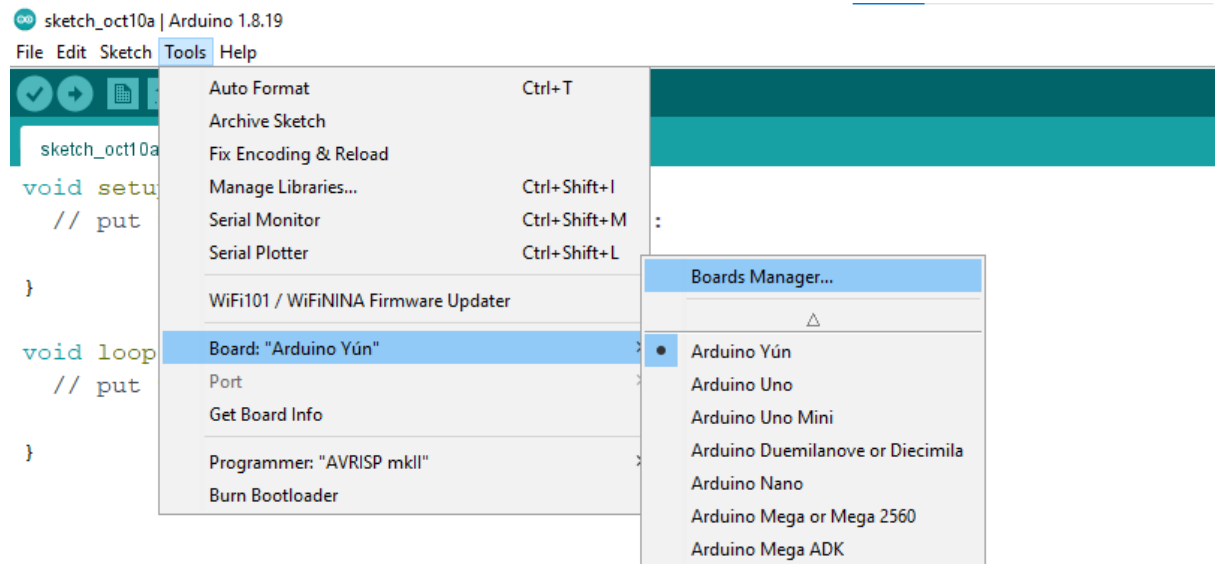


5. Click **ok**.

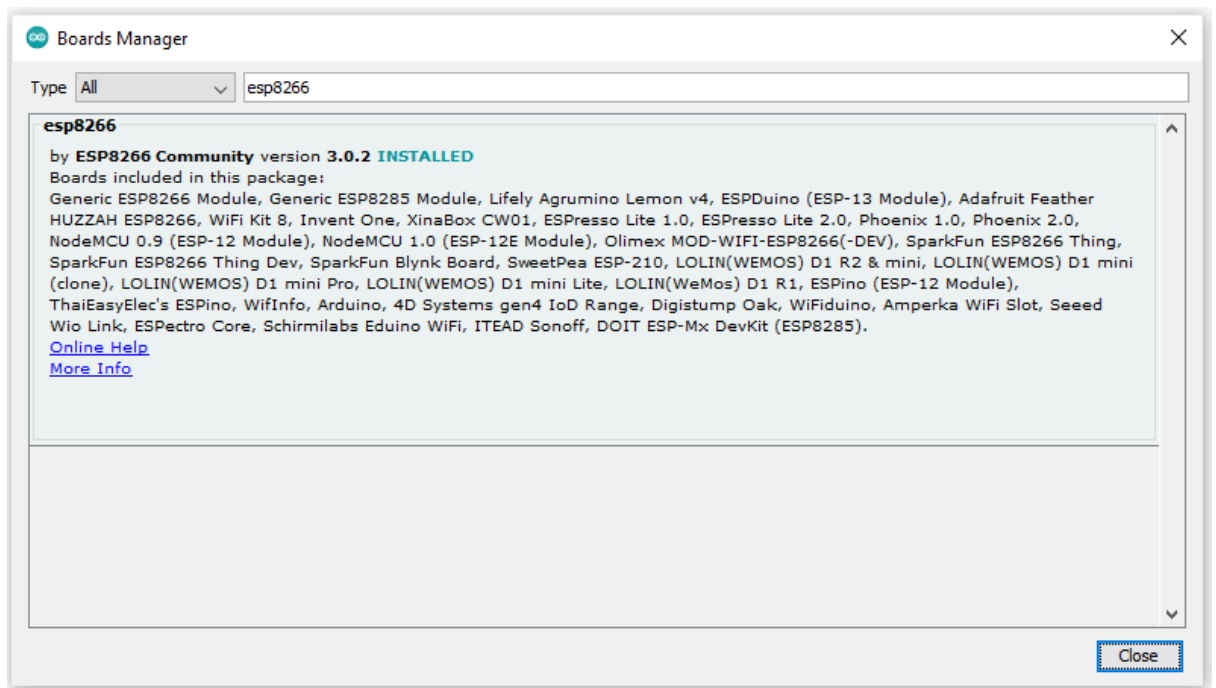
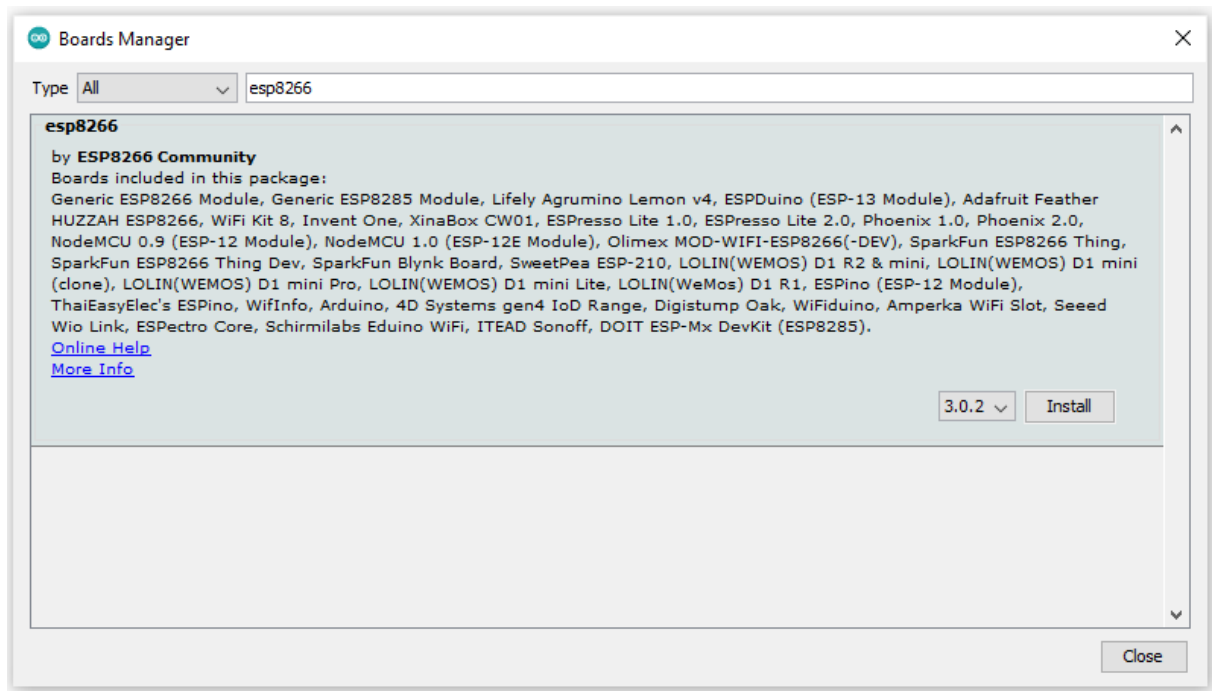
6. Goto **tools**.



7. Click on **board** and next click on **board manager**.



8. Search for **esp8266** and click on **install**.



9. Click on **close**.