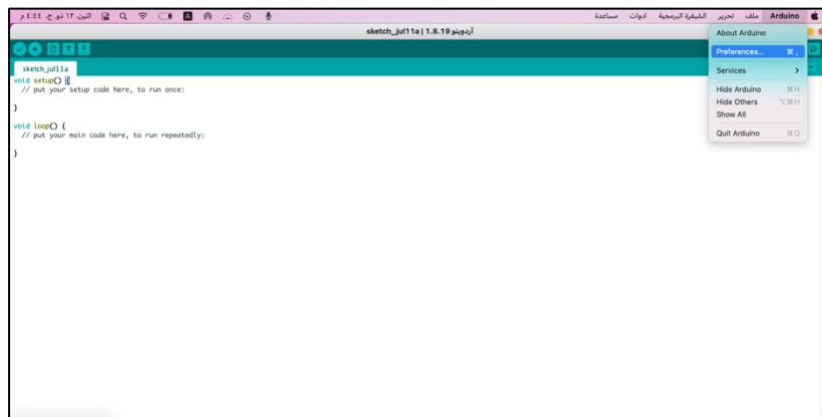# Wisdom ESP32 operating algorithm

How to make Arduino IDE available on Windows and Mac.
Follow the following steps:

Download the Arduino IDE via THIS LINK and install it .
Open Arduino IDE.
Go to File -> Preferences on Arduino IDE.

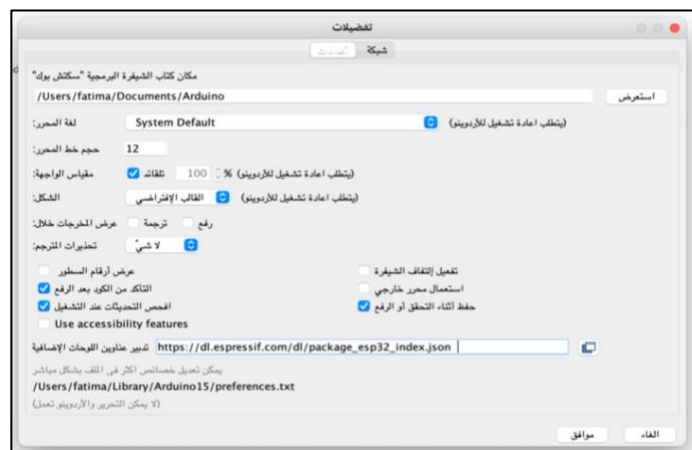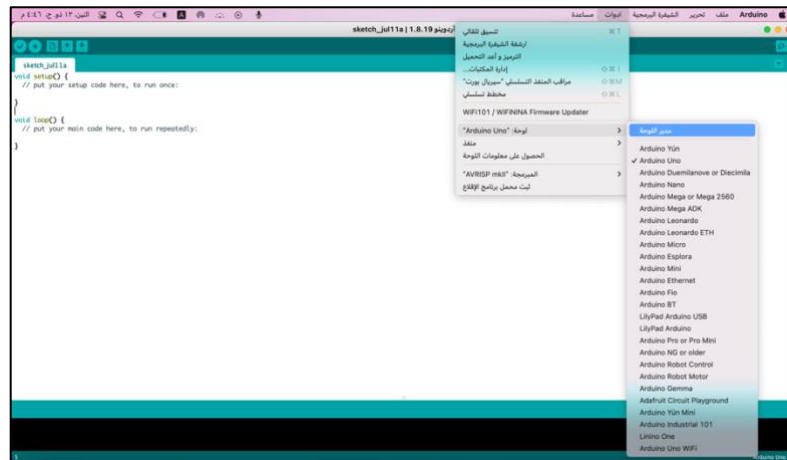Copy this text :

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

https://dl.espressif.com/dl/package_esp32_index.json ,
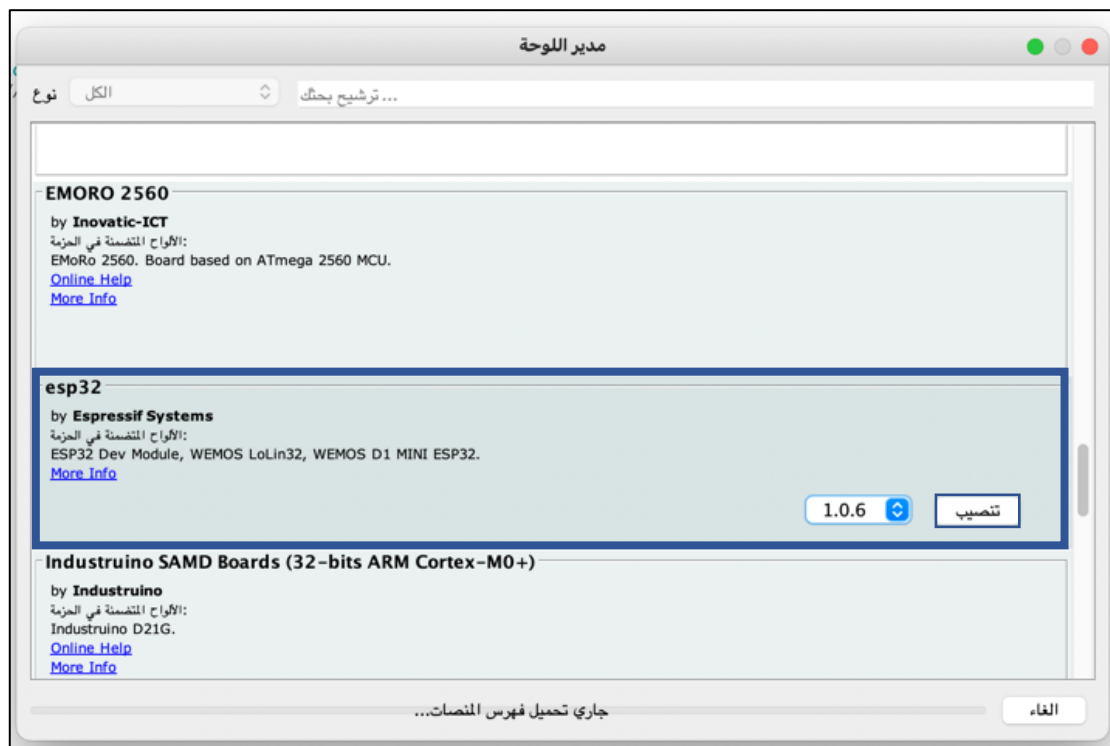http://arduino.esp8266.com/stable/package_esp8266com_index.json

and paste the copied text int the Additional Board Manager URLs field .
Then , click OK button.

Open the Boards Manager by going to Tools -> Board -> Boards Manager.

Type "esp32", then click install button for the "ESP32 by Espressif Systems".

How to operating Arduino IDE :

First of all, connect the ESP32 board to the PC .

1- Select ESP32 board , Tools -> Board: " Arduino Uno" -> ESP32 Arduino -> WEMOS D1 MINI ESP32.

2- Select ESP32 serial port (number may be different) , Port : "COM3" -> COM3.

How to turn on esp32 lighting:

1- Select File -> Example -> 01. Basics -> Blink.

2- Compile and upload code to ESP32 board by clicking Upload button on Arduino IDE.