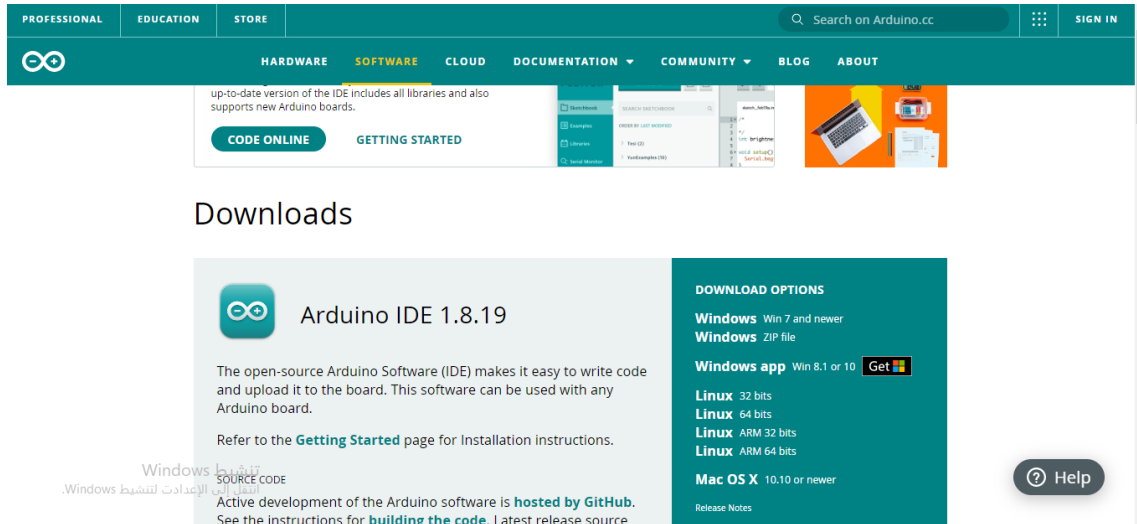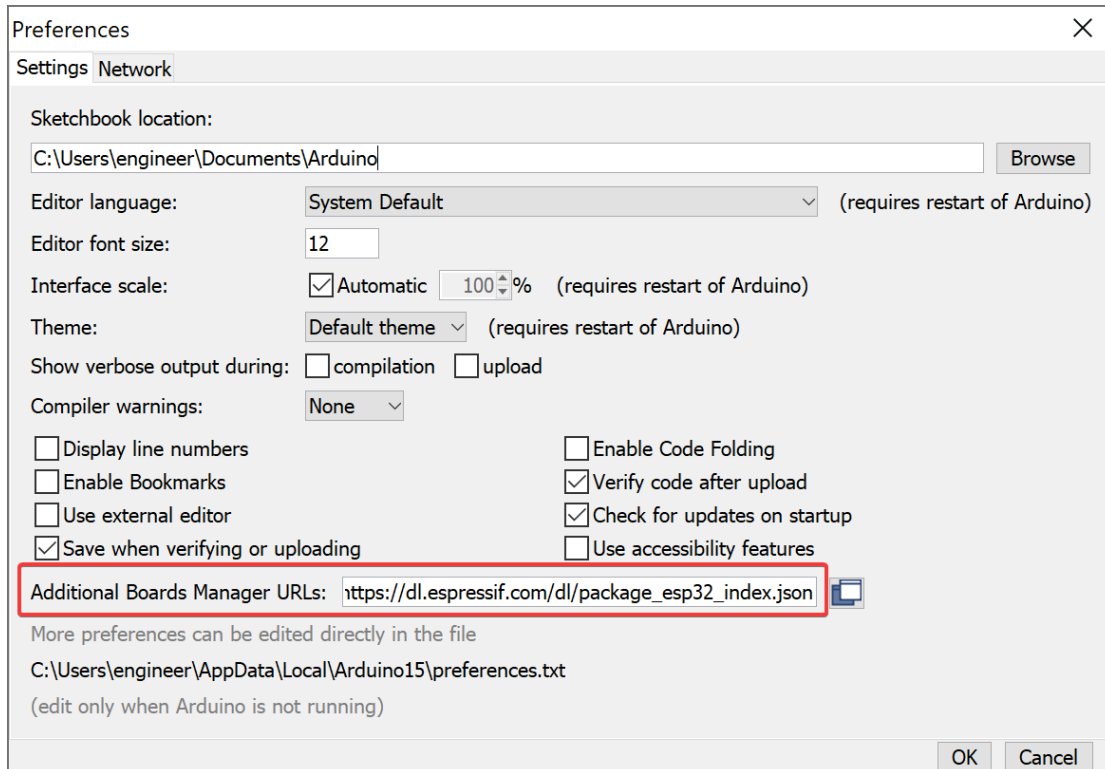# How to run the ESP32 on Arduino
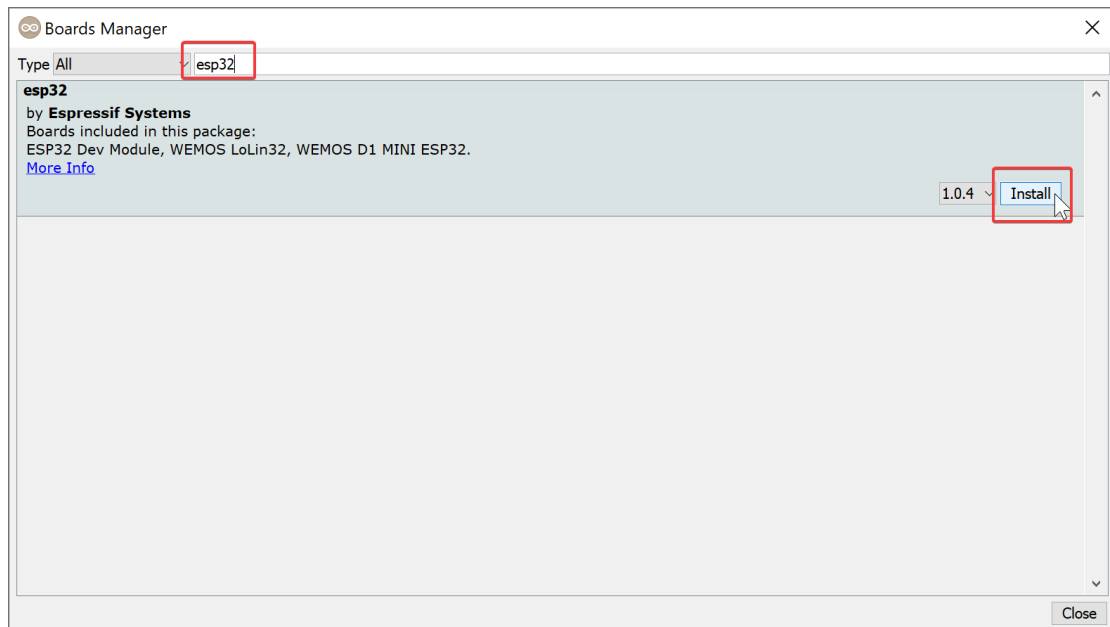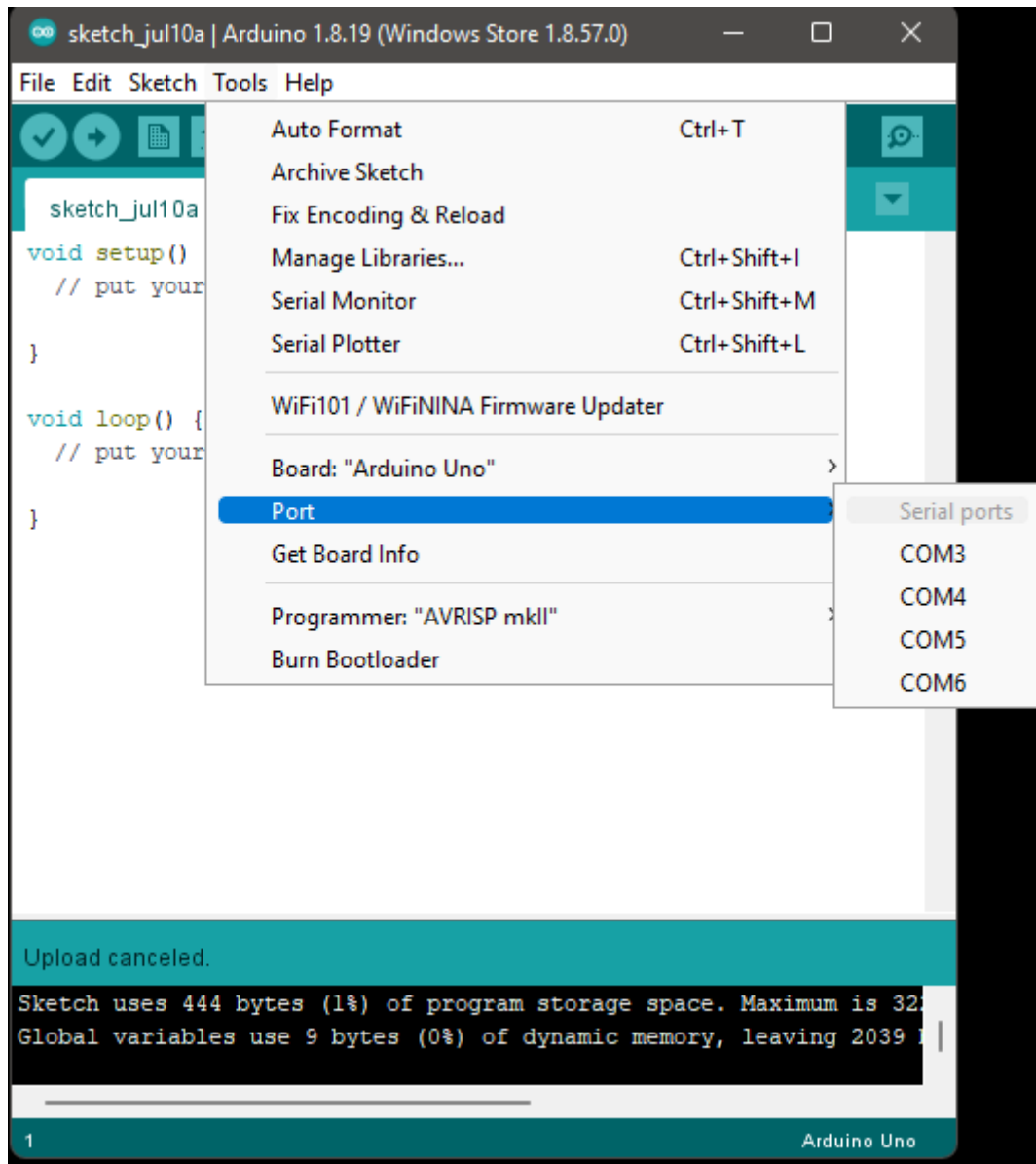
1-Downlode the latest Arduino IDE

2-Add Additional Board Mangers form the Preferences menu

3-Download the esp32 package form the board manger

4-Choose the port with the connected board

5-Test if the connection is successful or not by turning on the light of the ESP32 by typing this code in the IDE

مساعدة ادوات الشيفرة البرمجية تحرير ملف

Blink

```
http://www.arduino.cc/en/Tutorial/Blink
*/

// the setup function runs once when you press reset or power the board
void setup() {
  // initialize digital pin LED_BUILTIN as an output.
  pinMode(LED_BUILTIN, OUTPUT);
}

// the loop function runs over and over again forever
void loop() {
  digitalWrite(LED_BUILTIN, HIGH);   // turn the LED on (HIGH is the voltage level)
  delay(1000);                       // wait for a second
  digitalWrite(LED_BUILTIN, LOW);    // turn the LED off by making the voltage LOW
  delay(1000);                       // wait for a second
}
```