Step one:

Download Arduino IDE from
https://apps.microsoft.com/store/detail/arduino-ide/9NBLGGH4RSD8?hl=fr-fr&gl=FR

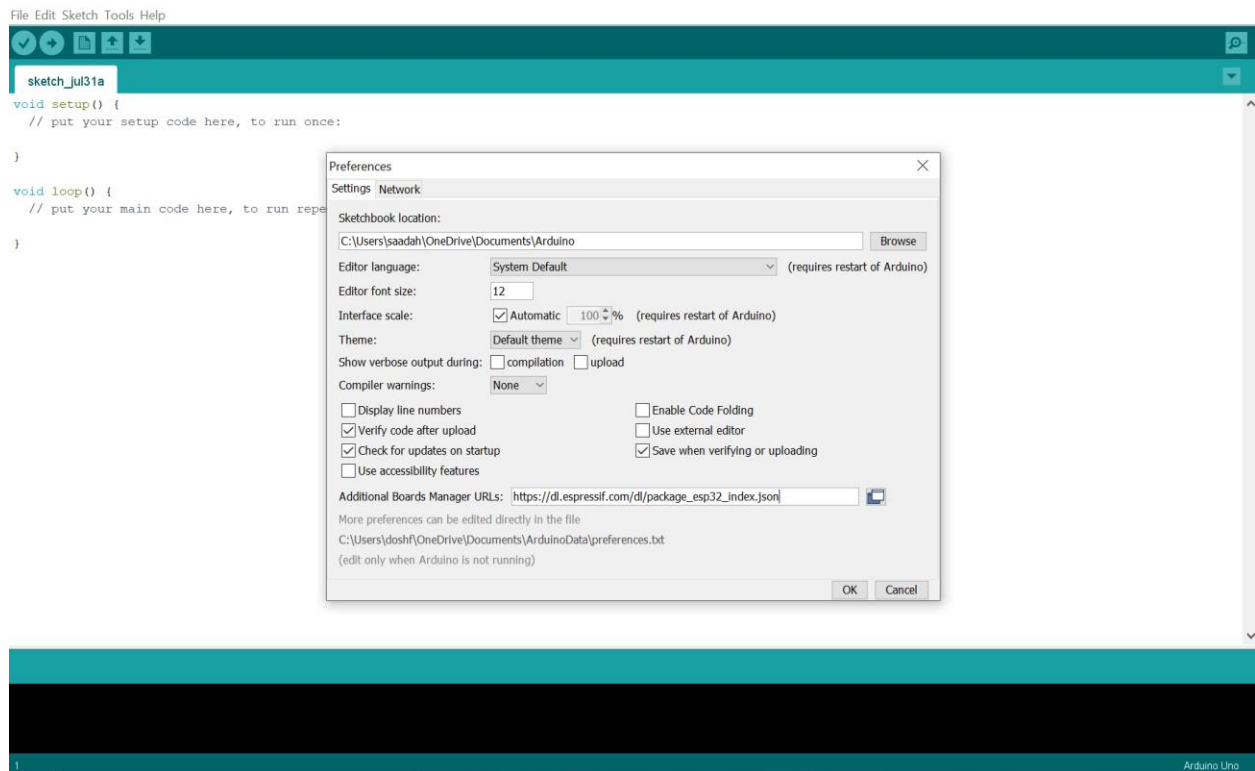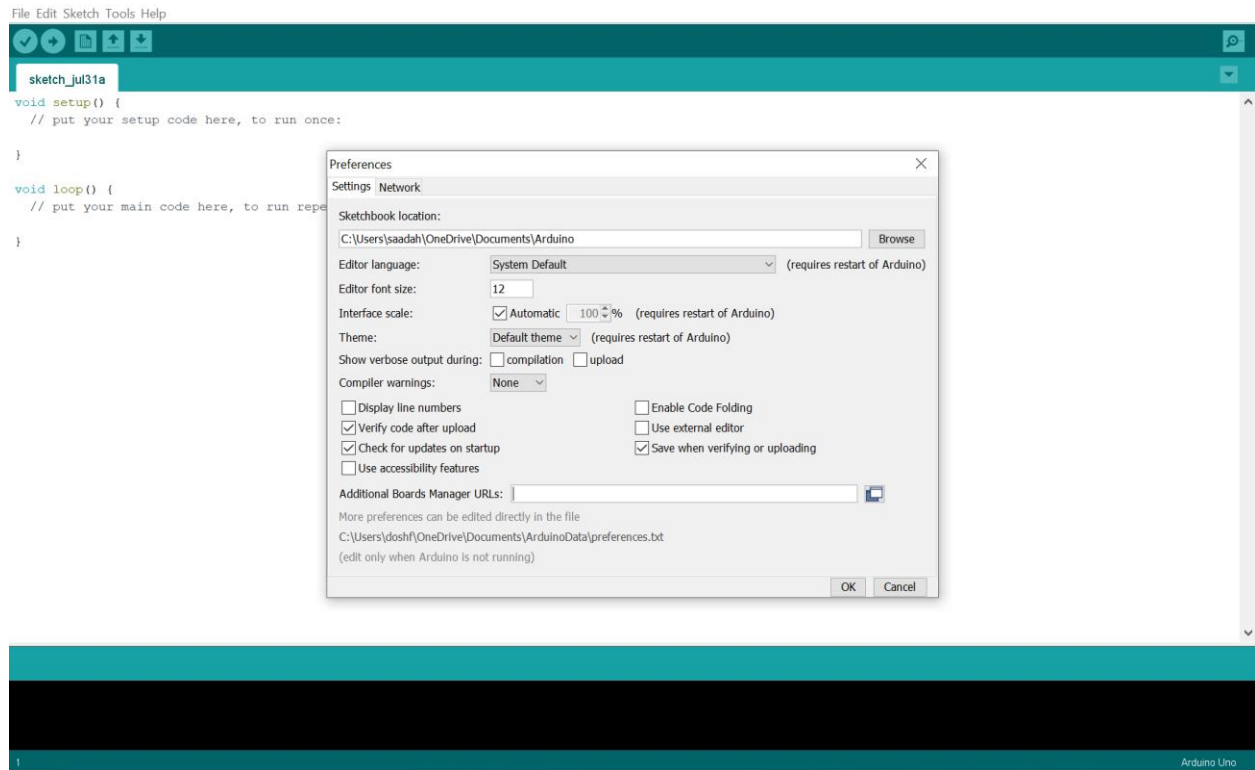Step two:

Launch Arduino on your laptop

Step three:

Go to file>preferences

Step four:

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

In the Additional boards manager URl and click ok

File Edit Sketch Tools Help

sketch_jul31a

```
void setup() {
  // put your setup code here, to run once:

}

void loop() {
  // put your main code here, to run repe

}
```

Preferences   ✕

Settings Network

Sketchbook location:

C:\Users\saadah\OneDrive\Documents\Arduino   Browse

Editor language: System Default   ▼   (requires restart of Arduino)

Editor font size: 12

Interface scale: ☑ Automatic   100 ⬍ %   (requires restart of Arduino)

Theme: Default theme ▼   (requires restart of Arduino)

Show verbose output during: ☐ compilation ☐ upload

Compiler warnings: None ▼

☐ Display line numbers   ☐ Enable Code Folding
☑ Verify code after upload   ☐ Use external editor
☑ Check for updates on startup   ☑ Save when verifying or uploading
☐ Use accessibility features

Additional Boards Manager URLs: [   ] ▣

More preferences can be edited directly in the file

C:\Users\doshf\OneDrive\Documents\ArduinoData\preferences.txt

(edit only when Arduino is not running)

                                                        OK   Cancel

1   Arduino Uno

File Edit Sketch Tools Help

sketch_jul31a

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Preferences   ✕

Settings Network

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C:\Users\saadah\OneDrive\Documents\Arduino   Browse

Editor language: System Default   ▼   (requires restart of Arduino)

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Additional Boards Manager URLs: [https://dl.espressif.com/dl/package_esp32_index.json] ▣

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(edit only when Arduino is not running)

                                                        OK   Cancel

1   Arduino Uno

Step five: go to tools>boards>boards manager, search for esp32 and click install
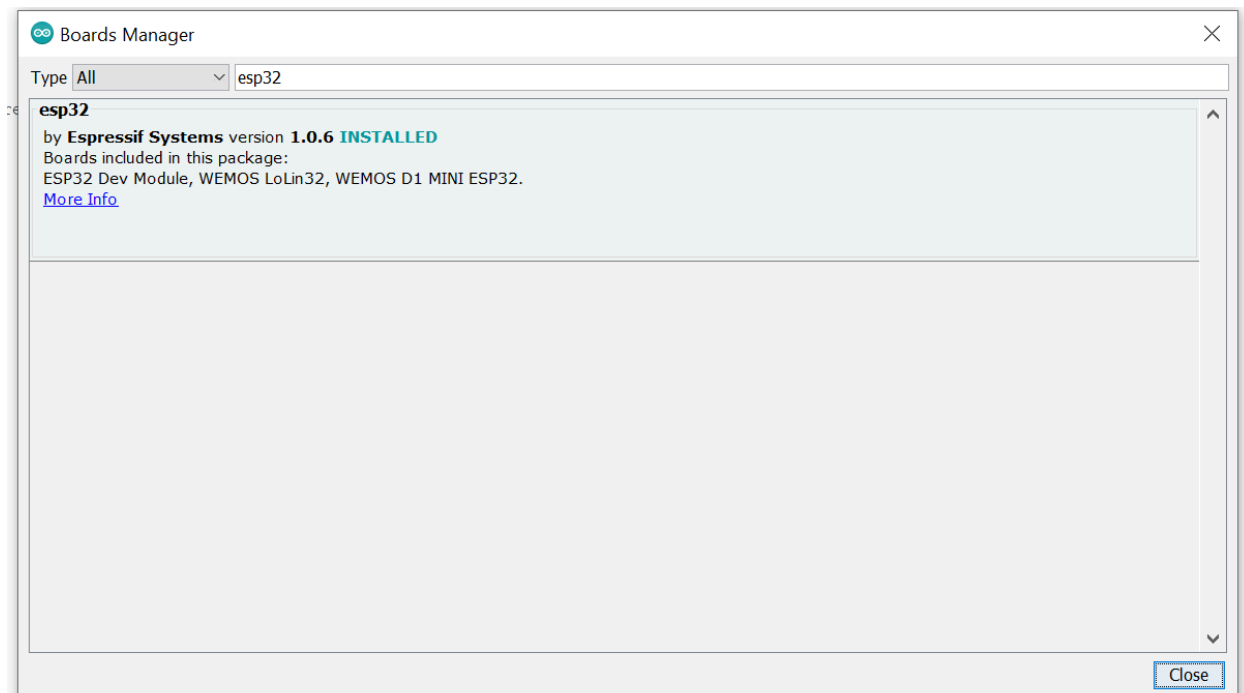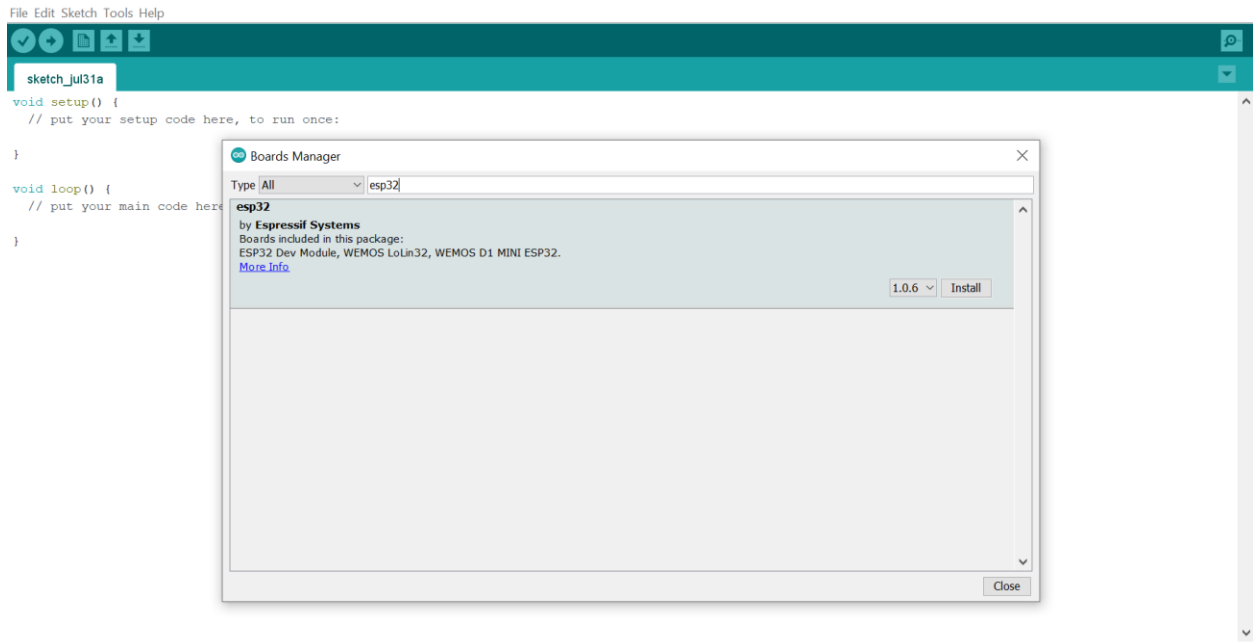
Step six:

Connect your esp 32 to your laptop

Step seven:

Go to tools>boards>ESP32Arduino>WEMOS D1 MINI ESP32

Step eight:

Go to tool>ports>select port COM3

Step nine:

 Go to file>examples>0.1basic>blink

Blink

```
by Scott Fitzgerald
modified 2 Sep 2016
by Arturo Guadalupi
modified 8 Sep 2016
by Colby Newman

This example code is in the public domain.

https://www.arduino.cc/en/Tutorial/BuiltInExamples/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
}
```

And you're good to go