

INSTALLING THE ESP32 BOARD IN ARDUINO IDE ..

BEFORE STARTING THIS INSTALLATION PROCEDURE, MAKE SURE YOU HAVE THE LATEST VERSION OF THE ARDUINO IDE INSTALLED IN YOUR COMPUTER .

INSTALLING ESP32 ADD-ON IN ARDUINO IDE :

- 1- In your Arduino IDE, go to File > Preferences .
 - 2- Enter the following into the "تدبير عناوين اللوحات الاضافيه" field:
(https://dl.espressif.com/dl/package_esp32_index.json)
 - 3- Open the Boards Manager. Go to Tools > Board > Boards Manager .
 - 4- Search for ESP32 and press install button for the "ESP32 by Espressif Systems" .
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TO CONNECT THE ESP TO USB WIRE :

- 1- Select your Board in Tools > Board menu (WEMOS D1 MINI ESP32) .
 - 2- Tools > Port:"COM3" (COM3) .
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TO CONNECT THE ESP TO USB WIRE :

Go to File > 01.Basics > Blink :

```
void setup() {  
  pinMode(LED_BUILTIN , OUTPUT);  
}  
void loop(){  
  digitalWrite(LED_BUILTIN , HIGH); // Turn the LED on .  
  delay(500);  
  digitalWrite(LED_BUILTIN , LOW); // Turn the LED off .  
  delay(500);  
}
```