

خوارزمية تشغيل قطعة

Wasdom ESP32

The **first step**: is to download the Arduino IDE

The **second step**: is to install the ESP32 cable with the computer to program it. After that, we do the following from a file. We choose Preferences. An interface will appear for you. Copy this link https://dl.espressif.com/dl/package_esp32_index.json and put it in the appropriate place.

In the **third step**: from Tools, we choose ---> Arduino Uno board ---> Board Administrator, type ESP32 in it, and then press install.

Fourth step: of tools we choose ---> board 'Arduino uno' --->ESP32 Arduino ---> WEMOS D1 MINI ESP32

Fifth step: of the tools we choose ---> port: "COM3" ---> COM3

Sixth step: When we want to turn on the lighting of the ESP32, we do the following from a file we choose --> Examples ---> D1.Basics ---> Blink

Seventh step: we write the code by making a function called Void Setup and writing Pin LED_BUILTIN as an Output using the command pinMode(LED_BUILTIN, OUTPUT); And create another function called Void Loop, in which we write digitalWrite (LED_BUILTIN, HiGH); to run the LED on (HIGH is the voltage level) and delay(100); to wait for a second, digitalWrite (LED_BUILTIN, LOW); to run the LED off making the voltage LOW and delay(100); to wait for a second