ESP32 Operating Algorithm

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Start → Download and install Arduino IDE from official website → Run the Arduino IDE on your OS → Go to File > Preferences

In the field for "Additional Board Managers URLs", ensure it contains "https://dl.espressif.com/dl/package_esp32_index.json" → Then, head to Tools > Board: "Arduino Uno" > Boards Manager...

Enter "ESP32" in front of the Type field and click "**Install**" to install the latest libraries → Connect the ESP32 chip to your PC using a micro USB cable → Go to Tools > Board: "Arduino Uno" > ESP32 Arduino and select "**Wemos D1 MINI ESP32**"

Go to Tools > Port: COM3 and select "**COM3**" or the serial port that shows up → Go to File > Examples > 1.Basics and select "**Blink**" → Click "**Uplad**" icon in top left corner to upload the script to the chip

Example to ensure the chip is connected and operating

→ **End**