ESP32 ALGORITHM

1. Install Arduino IDE
2. Installing ESP32 add-on in Arduino IDE
3. In Arduino IDE go to File 🡪 Preferences
4. Enter " <https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_index.json> " into the 'Additional Board Manager URLs' field then click OK button
5. Open the Boards Manager then go to Tools 🡪 Board 🡪 Boards Manager
6. Search for ESP32 then install " ESP32 by Espressif System"
7. Testing the installation
8. Choose Board in Tools 🡪 Board menu
9. Select the port
10. Open File 🡪 Example 🡪 WiFi (ESP32) 🡪 WiFiScan
11. A new sketch will open
12. Press upload button in the arduino IDE
13. If everything went as expected, you should see a “**Done uploading.**”