starting the ESP32 Board in Arduino IDE

- In your Arduino IDE, go to File> Preferences
- Enter the following into the "Additional Board Manager URLs" field

https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_index.json

- Open the Boards Manager. Go to Tools > Board > Boards Manager
- Search for ESP32 and press install button for the "ESP32 by Espressif Systems"

