

Writing an algorithm that run the ESP32

- 1- Download Arduino IDE through the website "<https://www.arduino.cc/en/software>".
- 2- From the menu bar go to file > Preferences.
- 3- In the field "Additional Boards Manager URLs " add the following link "https://dl.espressif.com/dl/package_esp32_index.json".
- 4- Open tools > Board "Arduino Uno" > Board manager.
- 5- Search for ESP32.
- 6- Install the ESP32.
- 7- After the installation process is complete you will see the word "Installed".
- 8- Connect the device to the USB cable.
- 9- Open tools > "Arduino Uno" board > ESP32 Arduino > chose ESP type.
- 10- From tools chose the port "COM3"
- 11- Program the code you want to download to the piece.
- 12- load the code by upload button.