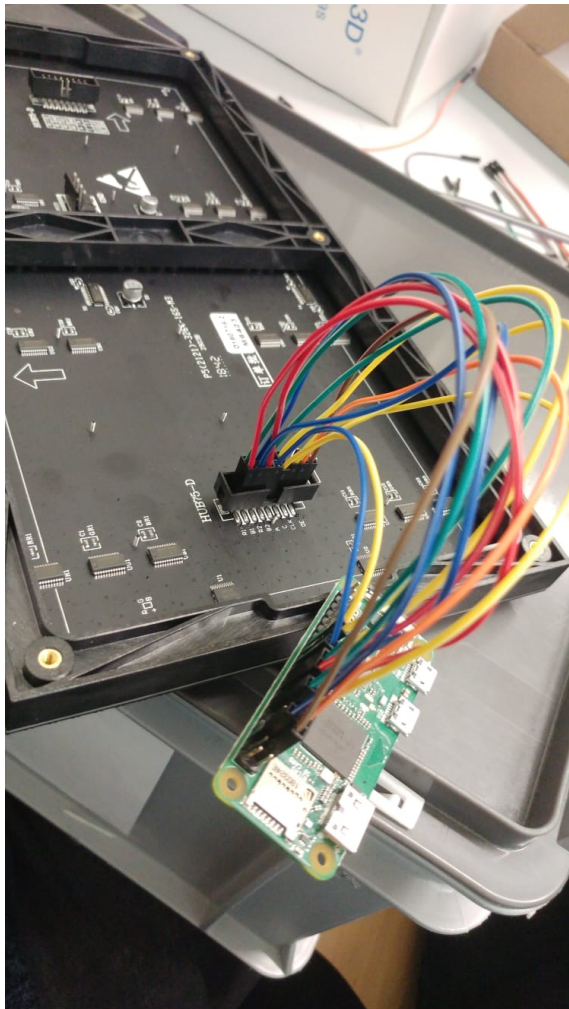ETAPE 1

Hardware :

Materiels requis :

          Raspberry PI0

          Un panneau LED

          Cables de connections

          Bloc d'alimentation
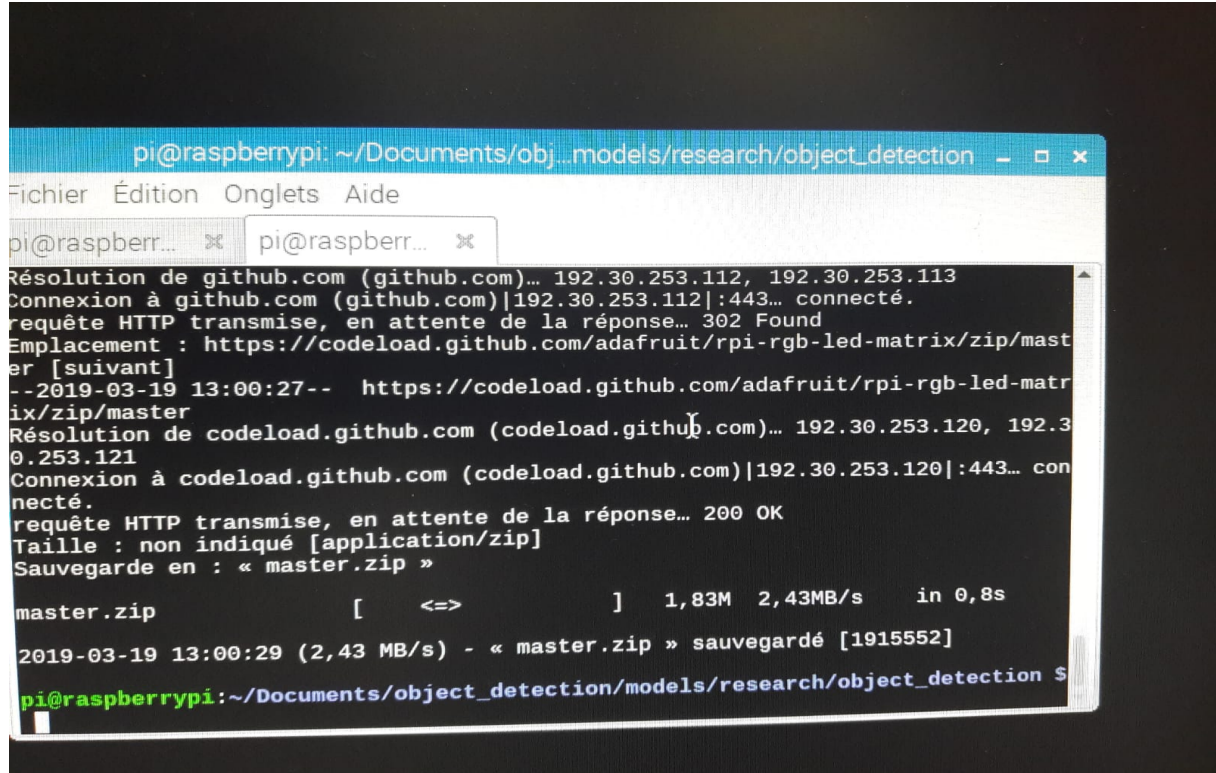
Connecter tous les composants :

Le bloc d'alimentation n'étant pas encore livrée nous n'avons pas pu tout connecté
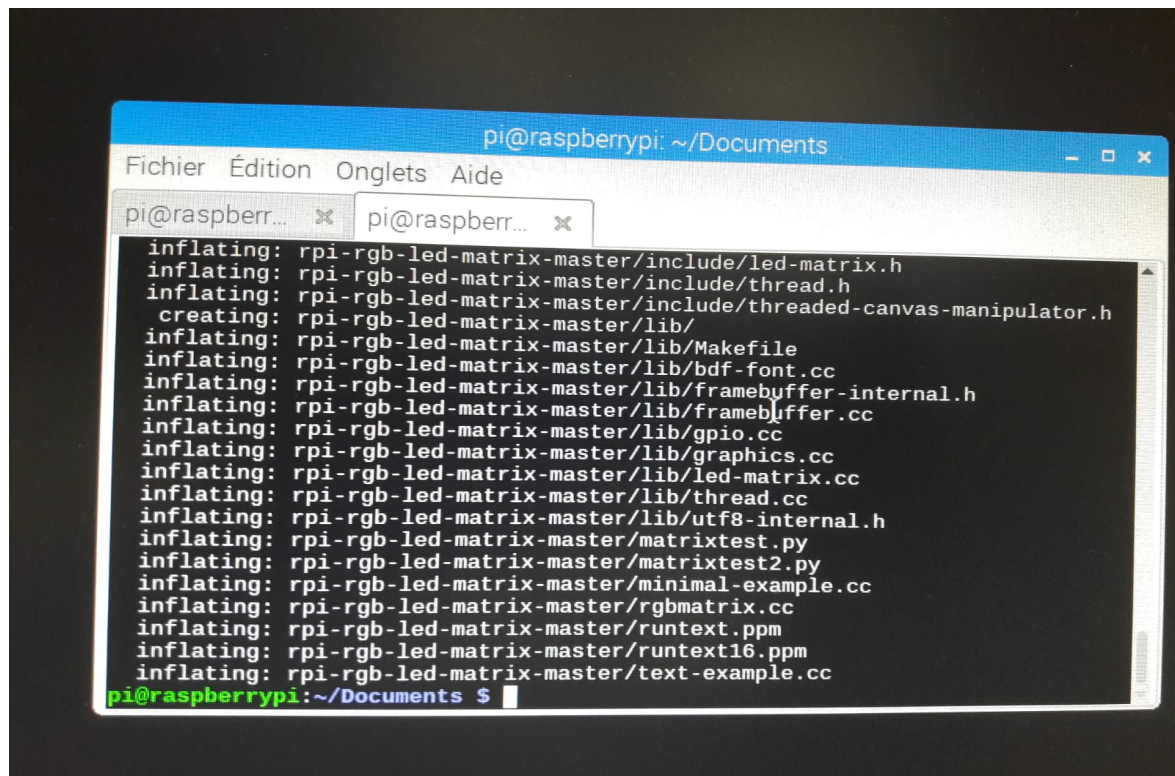
Configuration Software :

ETAPE 2 :
Télécharger le code pour piloter le panneau LED :

```
wget https://github.com/adafruit/rpi-rgb-led-matrix/archive/master.zip
```

```
unzip master.zip
```


Dans le dossier que nous venons de décompresser faire :
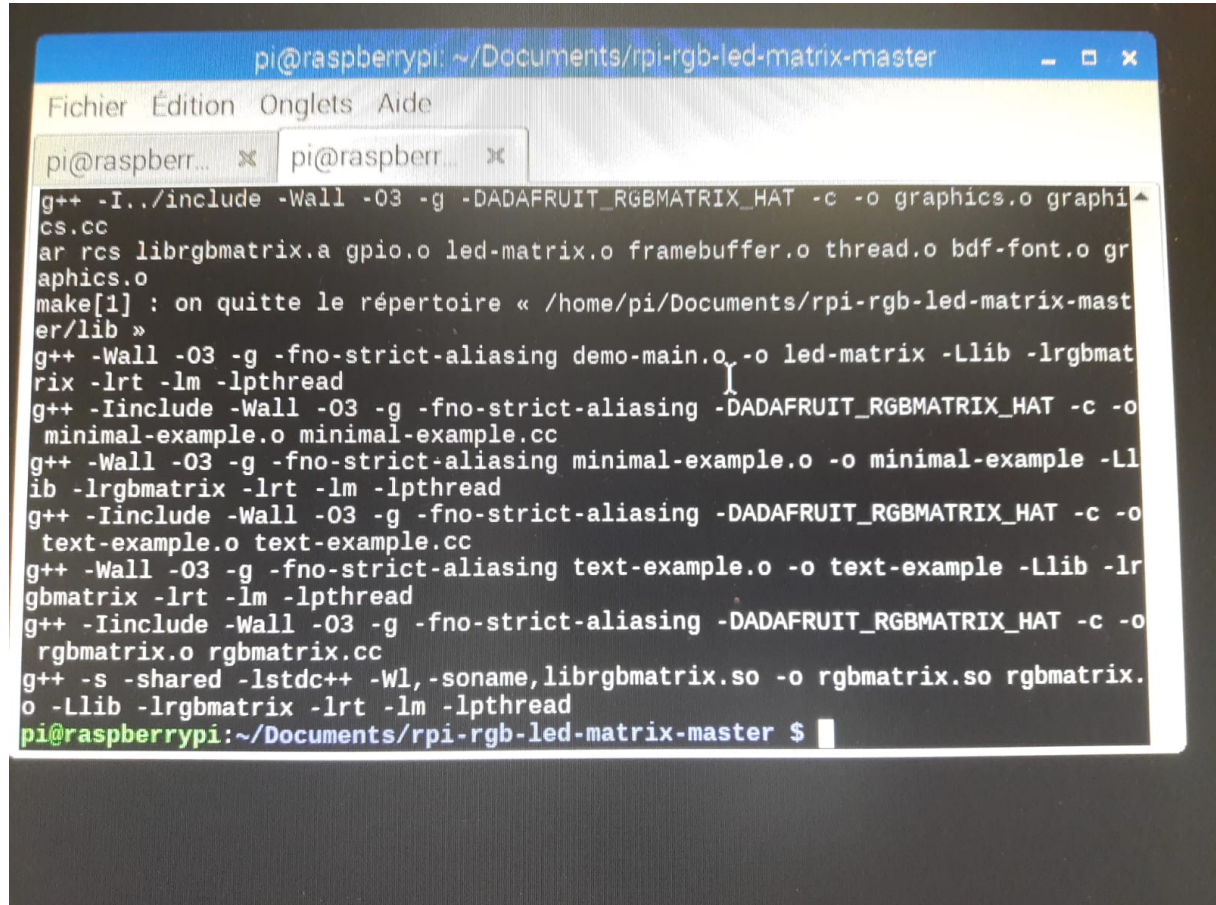
```
cd rpi-rgb-led-matrix-master/
make
```



```
  inflating: rpi-rgb-led-matrix-master/lib/Makefile
  inflating: rpi-rgb-led-matrix-master/lib/bdf-font.cc
  inflating: rpi-rgb-led-matrix-master/lib/framebuffer-internal.h
  inflating: rpi-rgb-led-matrix-master/lib/framebuffer.cc
  inflating: rpi-rgb-led-matrix-master/lib/gpio.cc
  inflating: rpi-rgb-led-matrix-master/lib/graphics.cc
  inflating: rpi-rgb-led-matrix-master/lib/led-matrix.cc
  inflating: rpi-rgb-led-matrix-master/lib/thread.cc
  inflating: rpi-rgb-led-matrix-master/lib/utf8-internal.h
  inflating: rpi-rgb-led-matrix-master/matrixtest.py
  inflating: rpi-rgb-led-matrix-master/matrixtest2.py
  inflating: rpi-rgb-led-matrix-master/minimal-example.cc
  inflating: rpi-rgb-led-matrix-master/rgbmatrix.cc
  inflating: rpi-rgb-led-matrix-master/runtext.ppm
  inflating: rpi-rgb-led-matrix-master/runtext16.ppm
  inflating: rpi-rgb-led-matrix-master/text-example.cc
pi@raspberrypi:~/Documents $ cd rpi-rgb-led-matrix-master/
pi@raspberrypi:~/Documents/rpi-rgb-led-matrix-master $ make
g++ -Iinclude -Wall -O3 -g -fno-strict-aliasing -DADAFRUIT_RGBMATRIX_HAT -c -o
 demo-main.o demo-main.cc
```

Fin du make

Etape 3
Programmer le panneau LED en python

(un fichier test est déposé sur le Git)