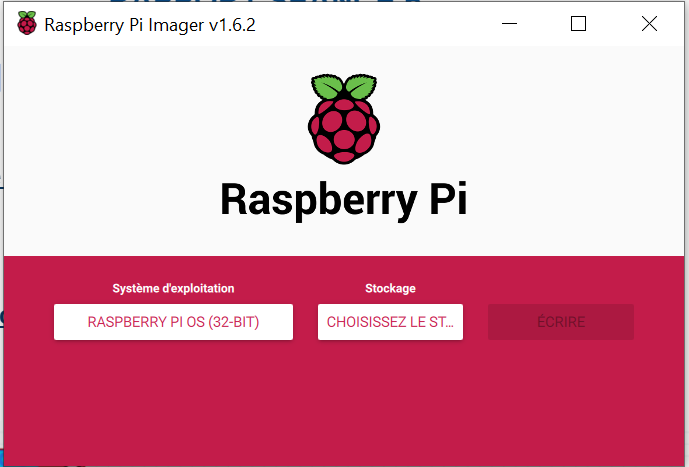
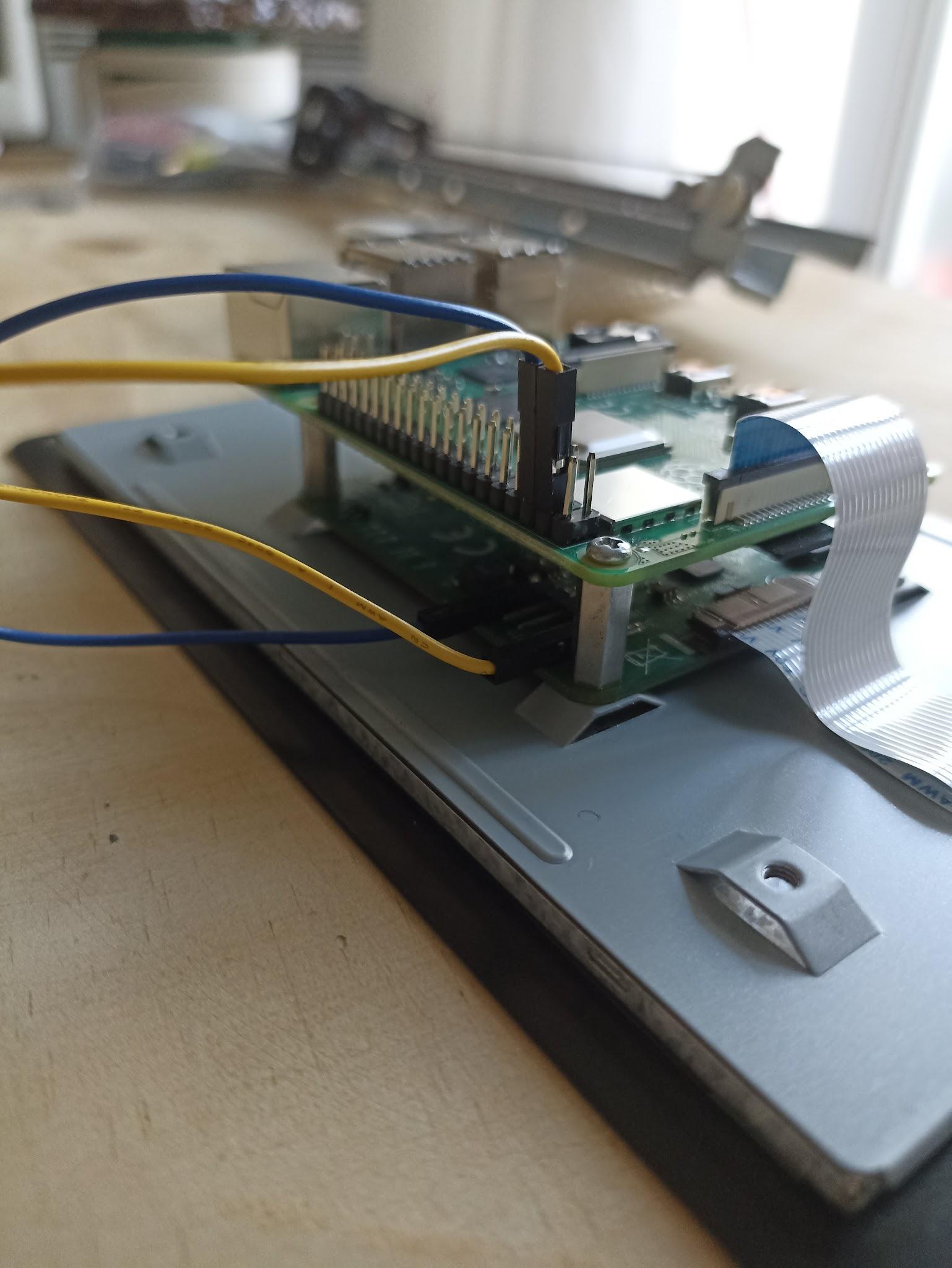
**\*RAPPORT SÉANCE 6 et 7**

Objectif de la séance:

**I- Prise en main de la Raspberry Pi 4**

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+écran en hdmi + clavier et souris en usb

⇒ bootage : login pi

password : CyberP4Team

# Import required libraries

import RPi.GPIO as GPIO

col1=25

col2=6

col3=26

col4=17

col5=27

col6=22

col7=23

def passage\_jeton(channel):

switcher = {

25 : "colonne 1",

6 : "colonne 2",

26 : "colonne 3",

17 : "colonne 4",

27 : "colonne 5",

22 : "colonne 6",

23 : "colonne 7",

}

print(switcher.get(channel,"Colonne invalide"))

if \_\_name\_\_ == '\_\_main\_\_':

GPIO.setmode(GPIO.BCM)

GPIO.setup(col1, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.setup(col2, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.setup(col3, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.setup(col4, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.setup(col5, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.setup(col6, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.setup(col7, GPIO.IN, pull\_up\_down=GPIO.PUD\_UP)

GPIO.add\_event\_detect(col1, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

GPIO.add\_event\_detect(col2, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

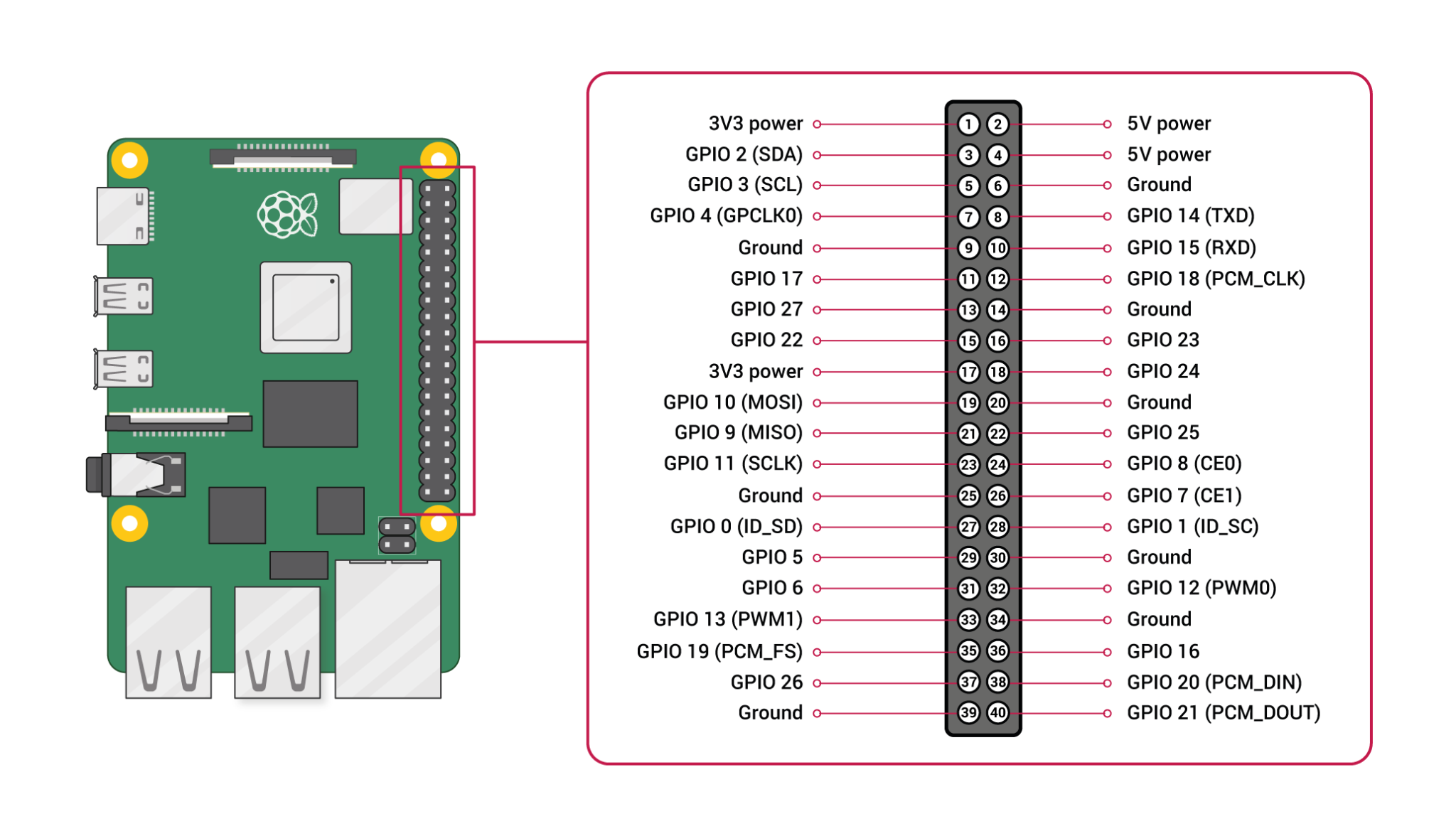
GPIO.add\_event\_detect(col3, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

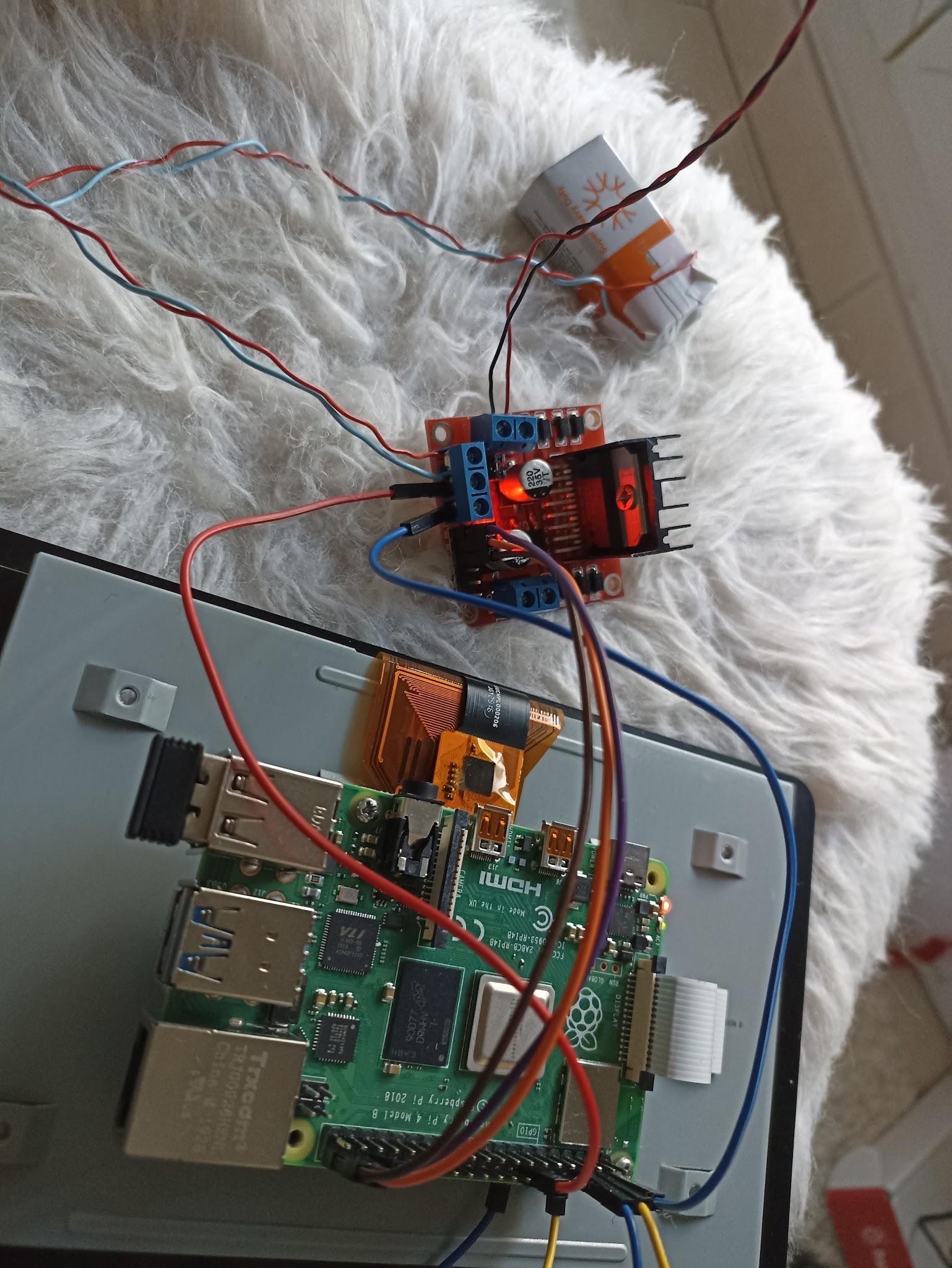
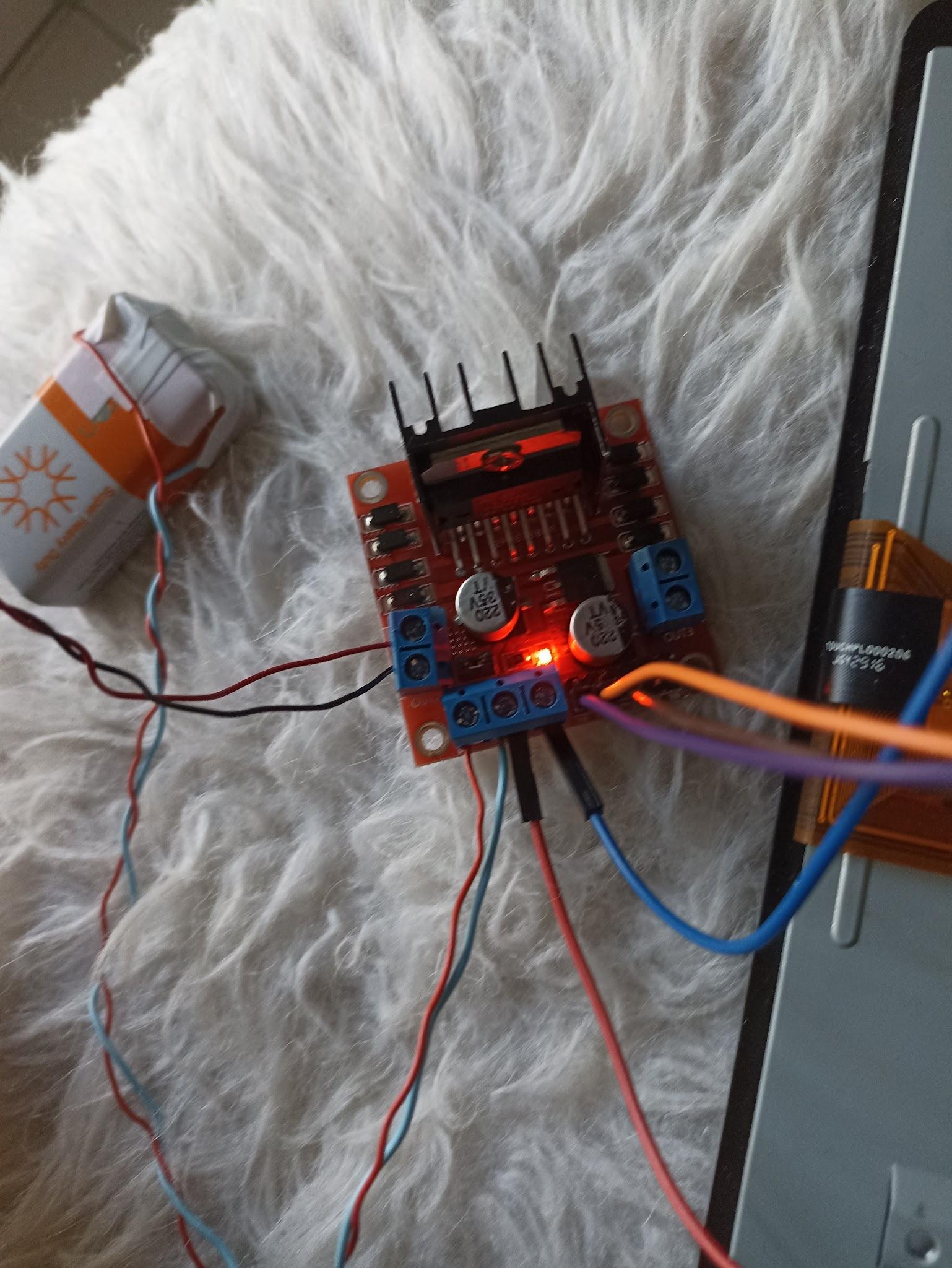
GPIO.add\_event\_detect(col4, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

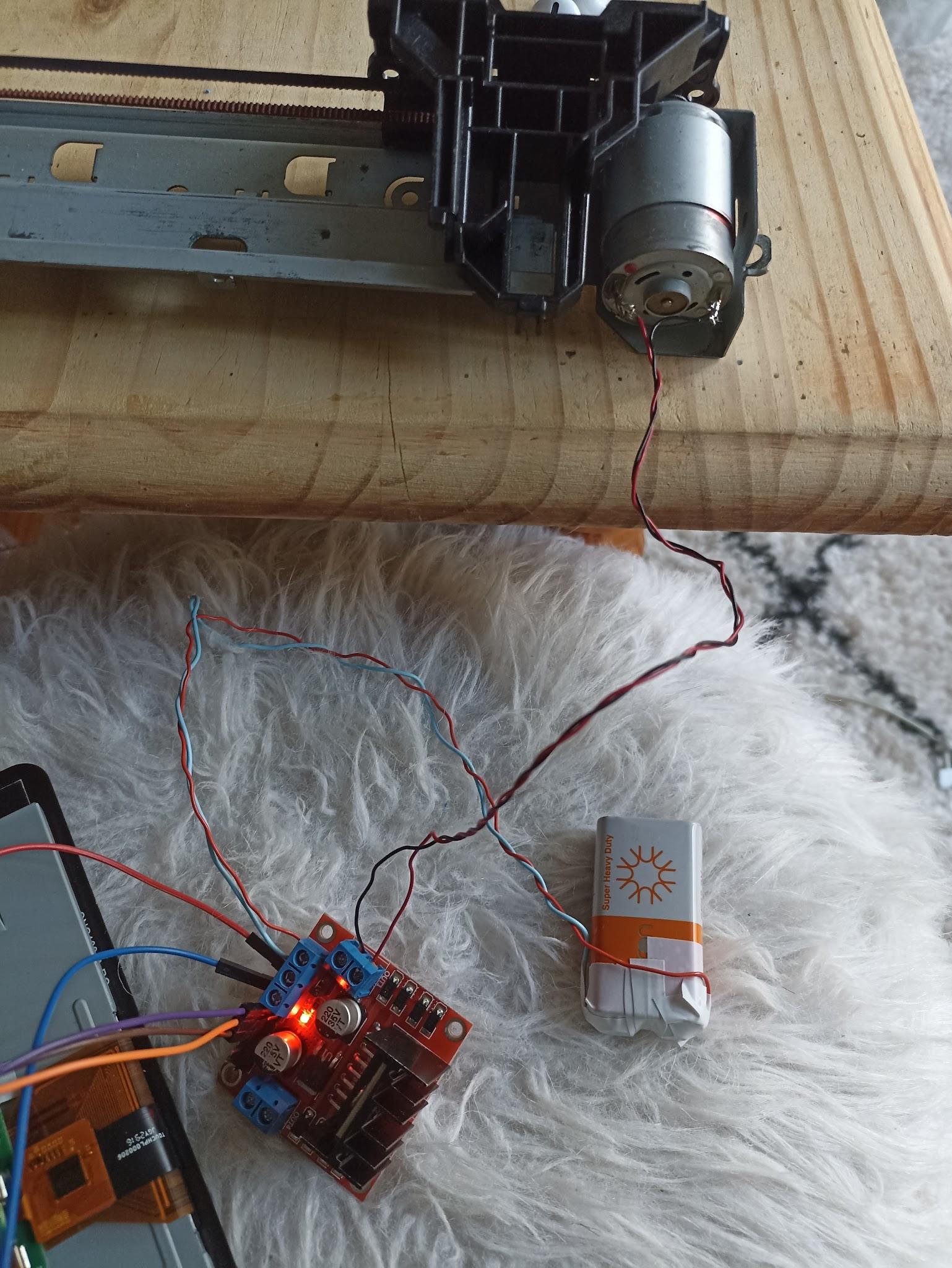
GPIO.add\_event\_detect(col5, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

GPIO.add\_event\_detect(col6, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

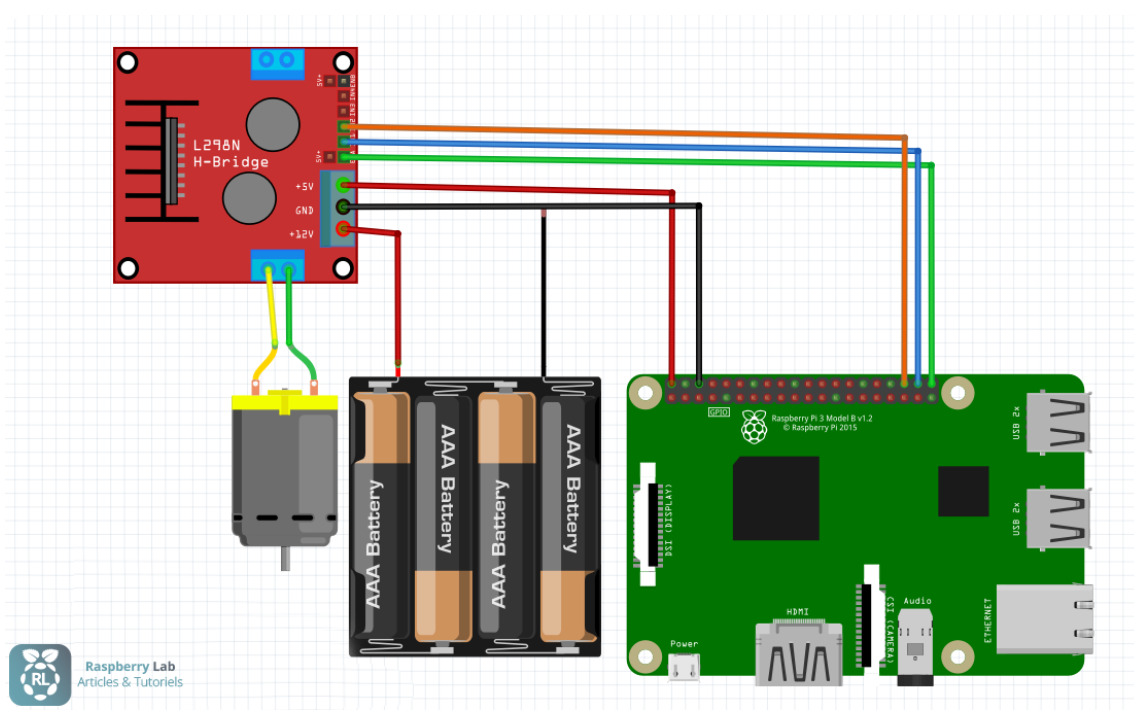
GPIO.add\_event\_detect(col7, GPIO.FALLING, callback=passage\_jeton, bouncetime=100)

**II- Moteur courant continu**

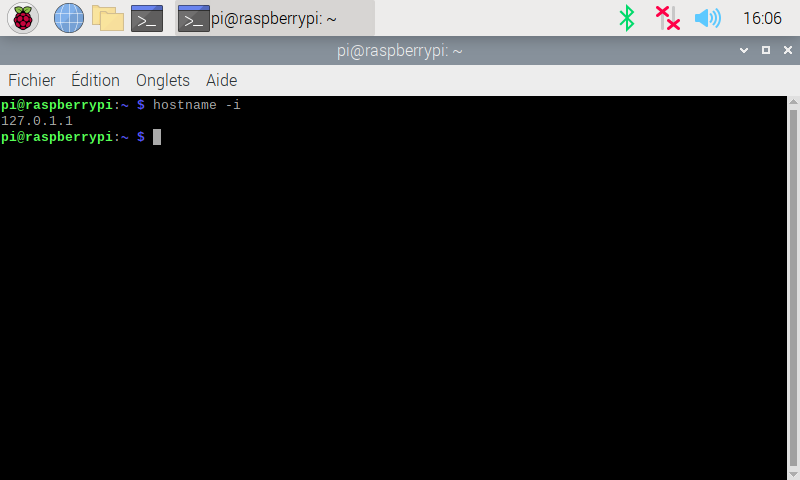
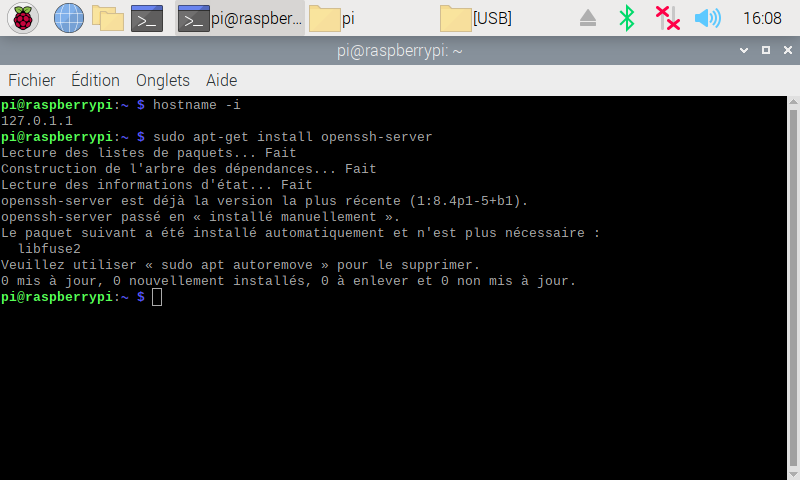
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ici pile de 9V mais ne suffit pas pour emporter la courroie → utilisation d’un générateur de tension à 12V → le module se déplace

****af

**III- Mise en place du SSH**



**IV-**

**V-**