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#from Adafruit_CharLCD import Adafruit_CharLCD
#from subprocess import *
from time import sleep, strftime
from datetime import datetime

import sys
import subprocess
import time
import RPi.GPIO as GPIO

#lcd = Adafruit_CharLCD()
#lcd.begin(16, 1)

def main():

    #lcd = Adafruit_CharLCD()
    #lcd.begin(16, 1)
    GPIO.setmode(GPIO.BCM)

    GPIO.setup(4,GPIO.IN)
    GPIO.setup(18,GPIO.OUT)
    cont=0
    blink=0

    while True:
        if GPIO.input(4):

            cont=cont+1
            time.sleep(0.5)

            if cont == 6:

                while (blink < 10):
                    print("BLINK!")
                    GPIO.output(18,False)
                    time.sleep(0.1)
                    GPIO.output(18,True)
                    time.sleep(0.1)
                    blink=blink+1

                GPIO.cleanup()
                print("APAGADO")
                subprocess.call(['shutdown -h now "Apagado por boton"'], shell=True)
                sys.exit()

            else:
                print(cont)

        else:
            cont=0
            time.sleep(0.5)

if __name__=="__main__":
    main()
```