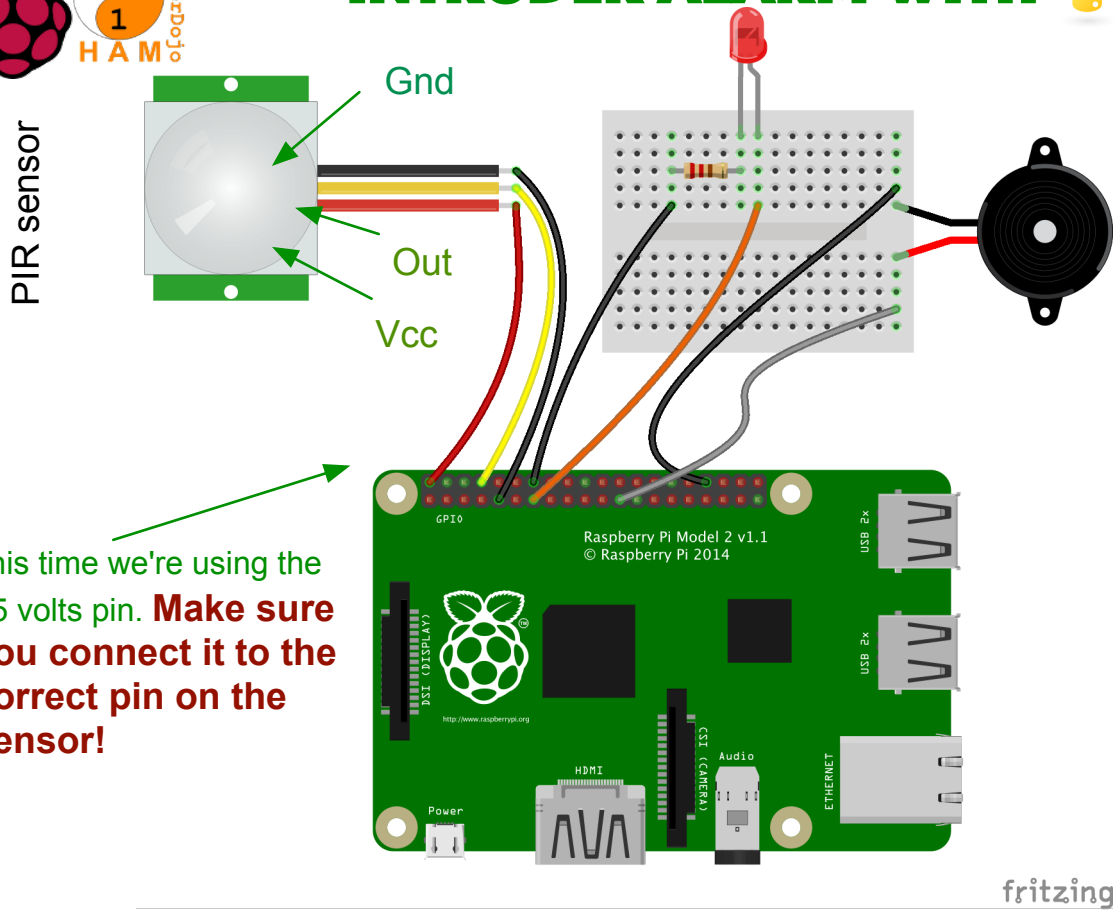
INTRUDER ALARM WITH python

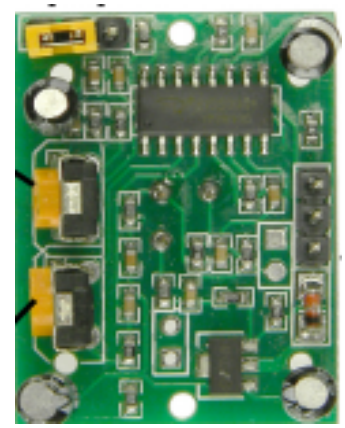


This time we're using the +5 volts pin. **Make sure you connect it to the correct pin on the sensor!**

The PIR sensor uses Infra-red light to detect movement. Can you see it?

The sensor's output is 0 when no motion is detected, then changes to 1 when something moves.

Too sensitive? You can adjust its range:



```
from gpiozero import MotionSensor, LED, Buzzer
from signal import pause

#PIR is connected to GPIO 14
pir = MotionSensor(14)
# LED is connected to GPIO 27
led = LED(27)
# Buzzer is connected to GPIO 11
buzz = Buzzer(11)
# Turn everything off first
led.off()
buzz.off()
print('Alarm active')

def alert(): # A function that turns on the LED and buzzes
    led.on()
    buzz.beep(0.001,0.001,750,False)
    print('Alert!')

def alertover(): # A function to turn off the LED
    led.off()
    print('Panic over!')

pir.when_motion = alert
pir.when_no_motion = alertover

pause() #  Stops the program from ending straightaway
```

Can you modify the code so that the LED flashes?

The buzzer only sounds for a few seconds. How about making it continue until a button is pressed to silence the alarm?