import RPi.GPIO as GPIO

IS\_REGULAR = True

def regular():

while True:

if not GPIO.input(channel) and not IS\_REGULAR:

for col in [red, yel, gre]:

col.on()

sleep(2)

col.off()

if not IS\_REGULAR: break

def callback(channel):

global IS\_REGULAR

IS\_REGULAR = False

print('Emergency vehicle detected')

red.off()

yel.off()

gre.on()

sleep(5)

gre.off()

IS\_REGULAR = True