import time

import datetime

import RPi.GPIO as GPIO

n=0

def sensorCallback(channel):

timestamp = time.time()

stamp=datetime.datetime.fromtimestamp(timestamp).strftime('%H:%M:%S')

if GPIO.input(channel):

print("Sensor HIGH"+stamp)

global n

n=n+1

print(n)

else:

print("Sensor LOW"+stamp)

global n

n=n+1

print(n)

def main():

sensorCallback(17)

try:

while True:

time.sleep(0.1)

except KeyboardInterrupt:

GPIO.cleanup()

GPIO.setmode(GPIO.BCM)

print("Setup GPIO pin as input on GPIO17")

GPIO.setup(17,GPIO.IN,pull\_up\_down=GPIO.PUD\_UP)

GPIO.add\_event\_detect(17,GPIO.BOTH,callback=sensorCallback,bouncetime=200)

if \_\_name\_\_=="\_\_main\_\_":

main()