**HANDOUT #2**

**Ex3 Motion Sensor – FLASHING LED AND BUZZER at the same time**

Save program as MSLedAndBuzzerTest.py

from gpiozero import MotionSensor, LED, Buzzer

from signal import pause

from time import sleep

motion\_detector = MotionSensor(4)

red\_led = LED(12)

buzz = Buzzer(16)

buzz.off()

**def alarm():**

buzz.blink(on\_time=.5,off\_time=.5,n=5)

red\_led.blink(on\_time=.5,off\_time=.5,n=5)

sleep(5)

**def alarmOff():**

buzz.off()

red\_led.off()

motion\_detector.when\_motion= alarm

motion\_detector.when\_no\_motion = alarmOff

pause