**HANDOUT #4**

This is the code for our pedestrian crossing for our previous lesson. Ex4.py

#importing the Library

from gpiozero import LED,Button,Buzzer

from time import sleep

from signal import pause

#give name to components - variable

red\_led = LED(14)

green\_led=LED(18)

buzzer=Buzzer(25)

pc\_button = Button(24)

#initialise state of components to off

red\_led.off()

green\_led.off()

buzzer.off()

#create a function for greenman

def greenman():

sleep(10)

red\_led.off()

green\_led.on()

sleep(15)

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

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

sleep(5)

green\_led.off()

red\_led.on()

#logic of program

red\_led.on()

pc\_button.when\_pressed = greenman

pause()