**SAVE this program as patrolcar1.py**

#importing the Library

**HANDOUT 1**

from gpiozero import LED,Buzzer

from time import sleep

#give name to components - variable

blue\_led = LED(12)

red\_led = LED(14)

buzzer=Buzzer(21)

#initialise state of components to off

red\_led.off()

blue\_led.off()

buzzer.off()

#logic of program

#buzzer to beep 4 time. on-5 secs, off-5seconds

buzzer.blink(on\_time=.5,off\_time=.5,n=4)

blue\_led.blink(on\_time=.5, off\_time=.5, n=2)

sleep(2)

red\_led.blink(on\_time=.5, off\_time=.5, n=2)

sleep(2)

**SAVE this program as patrolcar2.py**

**HANDOUT 2**

#importing the Library

from gpiozero import LED,Buzzer

from time import sleep

#give name to components - variable

blue\_led = LED(12)

red\_led = LED(14)

buzzer=Buzzer(21)

#initialise state of components to off

red\_led.off()

blue\_led.off()

buzzer.off()

#logic of program

# patrol car lights and buzzer activated 5 times

for times in range(1,6):

#buzzer to beep 4 time. on-5 secs, off-5seconds

buzzer.blink(on\_time=.5,off\_time=.5,n=4)

blue\_led.blink(on\_time=.5, off\_time=.5, n=2)

sleep(2)

red\_led.blink(on\_time=.5, off\_time=.5, n=2)

sleep(2)

**SAVE this program as patrolcar3.py**

**HANDOUT 3**

#importing the Library

from gpiozero import LED,Buzzer

from time import sleep

#give name to components - variable

blue\_led = LED(12)

red\_led = LED(14)

buzzer=Buzzer(21)

#initialise state of components to off

red\_led.off()

blue\_led.off()

buzzer.off()

#logic of program

#patrol car lights and buzzer runs forever

#until it is stopped

while True:

#buzzer to beep 4 time. on-5 secs, off-5seconds

buzzer.blink(on\_time=.5,off\_time=.5,n=4)

blue\_led.blink(on\_time=.5, off\_time=.5, n=2)

sleep(2)

red\_led.blink(on\_time=.5, off\_time=.5, n=2)

sleep(2)