**Assignment-3**

Write python code for blinking LED and Traffic lights for Raspberry pi.

**Program:**

import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

while True:

GPIO.output(11,True)

Time.sleep(1)

GPIO.output(11,False)

Time.sleep(1)

from gpiozero import Button,TrafficLights, Buzzer

Buzzer = Buzzer(15)

Button = Button(21)

Lights = TrafficLights(25, 8, 7)

While True:

Button.wait\_for\_press()

Buzzer.on()

Lights.green.on()

Sleep(1)

lights.amber.on()

Sleep(1)

lights.red.on()

Sleep(1)

lights.off()

buzzer. Off()

