**ASSIGNMENT 3**

**NAME :** VASANTH P

**ROLL NO :** 711319EC130

**Python code for blinking of LED light:**

**CODE :**

import RPi.GPIO as GPIO import time

LED\_PIN = 15

GPIO.setmode(GPIO.BCM) GPIO.setup(LED\_PIN, GPIO.OUT)

while true:

GPIO.output(LED\_PIN, GPIO.HIGH)

time.sleep(1) GPIO.output(LED\_PIN, GPIO.LOW)

time.sleep(1)

GPIO.cleanup()

# Python code for traffic lights :

**CODE :**

from gpiozero import LED from time import sleep

lights = TrafficLights(27, 5, 8)

while True:

light.green.on() sleep(1) lights.amber.on() sleep(1) lights.red.on() sleep(1) lights.off()