ASSIGNMENT 3

## NAME : SAKTHIVEL R

**REG NO :721219106044**

# 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()