# OBJECTIVE:

Blinking of LED and Traffic Lights For Raspberry Pi

# CODE:

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,Buzzerbuzzer= Buzzer(15)

button =Button(21) lights=TrafficLights(25,8,7)while True:button.wait\_for\_press() lights.green.on()

sleep(1) lights.amber.on() sleep(1) lights.red.on()

sleep(1) lights.off() while True: lights.on() buzzer.off()

button.wait\_for\_press() lights.off()

buzzer.on() button.wait\_for\_release() while True:

lights.blink() buzzer.beep() button.wait\_for\_press() lights.off()

buzzer.off() button.wait\_for\_release()