

### ASSIGNMENT - 3

DATE	5/10/2022
TEAM ID	PNT2022TMID13442
STUDENT NAME	KARTHICK C
STUDENT ROLL Number	621319106034
MAXIMUM MARKS	2 MARKS

#### 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 = 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()
```