

### ASSIGNMENT - 3

Assignment Date	05/10/22
Student Name	ARJUN R
Student Roll Number	811519106013
Maximum Marks	2 Marks

**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()
        Light.green.on()
        Sleep(1)
        Lights.amber.on()
        Sleep(1)
        Lights.red.on()
        Sleep(1)
        Lights.off()
        Buzzer.off()
```