

ASSIGNMENT

Assignment Date	05/10/22
Student Name	Janani R
Student Roll Number	811519106054
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(11)

Button = Button(07)

Lights = TrafficLights(25, 8, 7)

While True:

```
    Button.wait_for_press()

    Buzzer.on()

    Light.green.on()

    Sleep(5)

    Lights.amber.on()

    Sleep(5)

    Lights.red.on()

    Sleep(5)

    Lights.off()

    Buzzer.off()
```