Assignment Date	2 October 2022
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Student Roll Number	2019504577
Maximum Marks	2 Marks

ASSIGNMENT-3

LED BLINK:(source code)

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.OUT, initial = GPIO.LOW)
while True:
    GPIO.output(8, GPIO.HIGH)
    sleep(1)
    GPIO.output(8, GPIO.LOW)
    sleep(1)
```

TRAFFIC LIGHT:(source code)

```
from gpiozero import Button,Traffic Lights,Buzzer
from time import sleep

buzzer = Buzzer(15)
button = Button(21)
lights = TrafficLights(25,8,7)

while True:
    button.wat_for_press()
    buzzer.on()
    light.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
```

```
lights.off()
buzzer.off()
```