

**Assignment -3**  
Python Programming

|                     |                |
|---------------------|----------------|
| Assignment Date     | 3 October 2022 |
| Student Name        | P.DINESH KUMAR |
| Student Roll Number | 820419106015   |
| Maximum Marks       | 2 Marks        |

**Write python code for blinking LED Traffic lights for Raspberry pi**

**CODE:**

```
from machine import pin
from time import sleep
led=Pin(25,Pin.OUT)
while True:
    led.high()
    sleep(1)
    led.low()
    sleep(1)
```

```
from gpiozero import Button,TrafficLights
from time import sleep
button=Button(21)
lights=TrafficLights(25,8,7)
while True:
    lights.green.on()
    sleep(1)
    lights.amber.on()
    lights.green.off()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
```

