

Assignment - 3
Python Programming

Assignment Date	07 October 2022
Student Name	Mr.Dhanasekar.N.S
Student Roll Number	621319106013
Maximum Marks	2 Marks

Question:

Write a python code for blinking LED and Traffic lights for Raspberry Pi.

PROGRAM:

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep
```

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

```
    while True:
```

```
button.wait_to_press()
buzzer.on()
light.green.on()          sleep(1)
    lights.amber.on()
sleep(1)                  lights.red.on()
    sleep(1)              lights.off()
    buzzer.off()
```