

Assignment -3

Assignment Date	8 October 2022
Student Name	Anand Krishnan N
Student Roll Number	113119UG04050
Maximum Marks	2 Marks

Question:

Raspberry pi program code for traffic lights in python programming language

Program:

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

```
buzzer = Buzzer(15)
button = Button(21)
lights = TrafficLights(20, 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()
```

OUTPUT