

## **ASSIGNMENT – 3**

<b>Team ID:</b>	PNT2022TMID15172
<b>Project Name:</b>	Project: Smart Waste Management System For Metropolitan Cities

### **TEAM MEMBERS:**

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### **Assignment 3:**

Write python code for blinking LED and Traffic lights for Raspberry pi.

Only python code is enough, no need to execute in raspberry pi.

Note: you are allowed to use web search and complete the assignment.

### **Code:**

```
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_for_press()
    buzzer.on()
```

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