

## **Assignment 3**

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

ASSIGNMENT DATE	25/10/2022
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MAXIMUM MARKS	2 MARKS

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

## OUTPUT:



### GPIO PINS USED:

GP 21 - BUTTON

GP 15 - BUZZER

GP 25 - RED LED

GP 8 - YELLOW LED

GP 7 - GREEN LE