

**Assignment -3**  
Python Programming

Assignment Date	12 October 2022
Student Name	ARCHANA S
Student Roll Number	922519205012
Maximum Marks	2 Marks

**Question-1:**

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

**Solution:**

```
from gpiozero import button,TrafficLights
l=TrafficLights(23,5,6)
button=Button(22)
while True:
    //using this all the three lights are blinked once if the button is pressed
    button.wait_for_press()
    l.on()
    button.wait_for_release()
    l.off()
    //using this the individual lights are made to glow
    l.green.on()
    sleep(4)
    l.amber.on()
    sleep(4)
    l.red.on()
    sleep(4)
    l.off()
```