

## ASSIGNMENT – 03

Name	Syed Sharukh
Roll Number	720719106124
Date	21 October 2022
Team ID	PNT2022TMID10209
Project Name	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD SAFETY
Maximum Marks	2 Marks

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

```
from gpiozero import Button

from gpiozero import Button, LED

from gpiozero import Button, TrafficLights

from gpiozero import Button, TrafficLights, Buzzer

from time import sleep
    button = Button(21) led =
LED(25) while True:
led.blink(0.5,0.5)
button.wait_for_press()
led.off()
    button.wait_for_release()

button = Button(21)
lights = TrafficLights(25, 8, 7)
buzzer = Buzzer(15) while True:
    button.wait_for_press()
lights.green.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.red.on()
sleep(1)    lights.off()
```