

**Assignment -3**  
Python Programming

Assignment Date	06 October 2022
Student Name	Ms. Charulatha S
Student Roll Number	310619106024
Maximum Marks	2 Marks

**Question-1:**

Write a python program for blinking LED's and Traffic light

**Solution:**

**BLINKING LED'S**

```
from gpiozero import LED
red = LED(22)
amber = LED(27)
green = LED (17)
red.blink(1, 1)
amber.blink(2, 2)
green.blink(3, 3)
```

**TRAFFIC LIGHT**

```
from gpiozero import LED
from time import sleep

red = LED(22)
amber = LED(27)
green = LED(17)
while True:
    red.on()
    amber.off()
    green.off()
    sleep(1)
    red.off()
    amber.on()
    green.off()
    sleep(1)
    red.off()
    amber.off()
    green.on()
```