

Assignment -3
Python Programming

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| Assignment Date | 06 October 2022 |
| Student Name | Mr. Gopalakrishnan T |
| Student Roll Number | 310619106038 |
| 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()
```