

Assignment -3
Python Programming

Assignment Date	06 October 2022
Student Name	Ms. Akshaya M
Student Roll Number	310619106008
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()
```