

Assignment -3
Python Programming

Assignment Date	6 October 2022
Student Name	MALAVIKA M
Student Roll Number	511319106022
Maximum Marks	2 Marks

Question-1:

Write a python code for blinking LED and Traffic Lights for Raspberry pi.

Solution:

```
from gpiozero import LED
from time import sleep

red = LED(22)
amber = LED(27)
green = LED(17)

while True:

    red.on()
    sleep(1)
    amber.on()
    sleep(1)
    green.on()
    sleep(1)
    red.off()
    sleep(1)
    amber.off()
    sleep(1)
    green.off()
```

Program :

```
1  from gpiozero import LED
2  from time import sleep
3  red = LED(22)
4  amber = LED(27)
5  green = LED(17)
6  while True:
7      red.on()
8      sleep(1)
9      amber.on()
10     sleep(1)
11     green.on()
12     sleep(1)
13     red.off()
14     sleep(1)
15     amber.off()
16     sleep(1)
17     green.off()
18
```