Assignment - 3 :

Assignment date	07 October 2022
Student name	Mohamed Nias A
Student name	910619106030
Max marks	2

Write a Python Code for Blinking Led and Traffic Lights for Raspberry Pi

PROGRAM CODE: blinking led

```
from gpiozero import LED

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

red.blink(1, 1) amber.blink(2, 2)
```

PROGRAM CODE: Traffic lights

```
from gpiozero import LED from time import sleep

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

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

//lights on and off in sequence

from gpiozero import LED

from time import sleep

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

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

//while loop

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()