ASSIGNMENT 3

Team ID	PNT2022TMID14345
Roll No	711319EC076
Date	04.10.2022

Write python code for blinking LED and Traffic lights for Raspberry pi.

PROGRAM

Blinking LED

```
import time
import RPi.GPIO as GPIO
GPIO.setmode (GPIO.BCM)
GPIO.setup(4,GPIO.OUT)
GPIO.output(4,True)
time.sleep(3)
GPIO.output(4, False)
```

Traffic light

```
from gpiozero import LED
from time import sleep
green = LED (5)
red = LED (6)
blue = LED (13)
```

```python
while True:
    green.off()
    red.off()
    blue.off()
    sleep (3)
    green.on()
    sleep(3)
    green.off()
    red.on()
    sleep(3)
    red.off()
    blue.on()
    sleep(3)
```