ASSIGNMENT – 3

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OBJECTIVE

To write a python code for blinking LED and Traffic lights for Raspberry pi.

CODE

```python
import RPi.GPIO as GPIO

import time

LED_PIN = 17

GPIO.setmode(GPIO.BCM)

GPIO.setup(LED_PIN, GPIO.OUT)

try:

    while True:

        GPIO.output(LED_PIN, GPIO.HIGH)
```

```
        time.sleep(1)
        GPIO.output(LED_PIN, GPIO.LOW)
        time.sleep(1)
except KeyboardInterrupt:
    GPIO.cleanup()
```