

# **ASSIGNMENT – 3**

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## **OBJECTIVE**

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

## **CODE**

```
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()
```