

# **Write a python code for blinking LED and traffic lights for raspberry pi**

## **BLINKING LED:**

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)
while True:
    GPIO.output(8, GPIO.HIGH)
    sleep(1)
    GPIO.output(8, GPIO.LOW)
    sleep(1)
```

## **TRAFFIC LIGHTS:**

```
from gpiozero import Button,
trafficLights,
from time import sleep
```

```
button = Button(21)
```

```
lights = TrafficLights(25,8,7)
```

```
while True:
```

```
    Button.wait_for_press()
```

```
    light.green.on()
```

```
    sleep(1)
```

```
    light.yellow.on()
```

```
    sleep(1)
```

```
    light.red.on()
```

```
    sleep(1)
```

```
    lights.off()
```