

PYTHON CODE FOR BLINKING LED AND TRAFFIC LIGHTS

Traffic light

```
from gpiozero import Button,  
TrafficLights, Buzzer  
from time import sleep  
buzzer = Buzzer (15)  
button = Button (21)  
lights =TrafficLights (25, 8, 7)  
while True:  
    button.wait_for_press()  
    buzzer.on()  
    lights.green.on()  
    sleep(1)  
    lights.amber.on()  
    sleep(1)  
    lights.red.on()  
    sleep(1)  
    lights.off()  
    buzzer.off()
```

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)
```