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Title	Gas leakage monitering and alerting system.
Topic	python code for blinking LED and traffic lights for Raspberry pi.
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Write python code for blinking LED and traffic lights for Raspberry pi

Code:

//Code for Blinking LED//

```
import RPi.GPIO as GPIO

import time

LED = 40

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD)

GPIO.setup(LED, GPIO.OUT)


while True:


    GPIO.output(LED,GPIO.HIGH)

    time.sleep(1)

    GPIO.output(LED,GPIO.LOW)

    time.sleep(1)
```

//Code for Traffic Light System//

```
from gpiozero import Button, TrafficLights, Buzzer

from time import sleep


buzzer = Buzzer(15)

button = Button(21)

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

```python
while True:
    button.wait_for_press()
    buzzer.on()
    light.green.on()
    sleep(1)
    lights.amber.on()
    sleep(1)
    lights.red.on()
    sleep(1)
    lights.off()
    buzzer.off()
```