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IBM – NALAIYA THIRAN ASSIGNMENT: 3

WRITE A PYTHON CODE FOR BLINKING LEDAND TRAFFIC LIGHTS.

BLINKING LED :

```python
import RPi.GPIO as GPIO
import time
LED_PIN = 17
GPIO.setmode(GPIO.BCM)
GPIO.setup(LED_PIN, GPIO.OUT)
GPIO.output(LED_PIN, GPIO.HIGH)
time.sleep(1)
GPIO.output(LED_PIN, GPIO.LOW)
```

TRAFFIC LIGHT :

```python
from gpiozero import Button, TrafficLights

from time import sleep

lights = TrafficLights(25, 8, 7)

while True:

    button.wait_for_press()

    lights.green.on()

    sleep(1)

    lights.amber.on()

    sleep(1)

    lights.red.on()

    sleep(1)

    lights.off()
```