

TEAM ID :PNT2022TMID41116

BATCH :B5-5M1E

Assignment 3

Q. 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 Light:

```
from gpiozero import LED  
red = LED(22) amber =  
LED(27) green = LED(17)  
red.blink(1, 1) amber.blink(2,  
2) green.blink(3, 3)
```

