

ASSIGNMENT 3

By,
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ASSIGNMENT TITLE: LED BLINKING CODE

```
import RPi.GPIO as GP from time import
sleep
GP.setwarnings(False)
GP.setmode(GP.BOARD)
GP.setup(8,GP.OUT,initial=GP.LOW)
while True:
    sleep(2)
    GP.output(8, GPIO.LOW)
    sleep(2)
```

ASSIGNMENT TITLE:TRAFFIC LIGHT RASPBERRY PYTHON CODE

```
From gpiozero import LED
From time import sleep
Red= LED(17)
Aster=(22)
Green=(27)
While True:
    Red.on()
    Print("Red light is ON")
    For I in range(100,0,-1):
        Print("Remaining time: ",i)
        Sleep(1)
    Red.off()
    Aster.on()
    Print("Yellow light is ON")
    For I in range(5,0,-1):
        Print("Remaining time: ",i)
        Sleep(1)
    Aster.off()
    Green.on
    Print("Green light is ON")
    For I in range(30,0,-1):
        Print("Remaining time: ",i)
        Sleep(1)
    Green.off()
```