

TRAFFIC LIGHT RASBERRY 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()
```

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.LO
W) While True: #infinite loop
GP.output(8, GPIO.HIGH) # Turn
on Print("The LED is ON")
Sleep(2) # Sleep for 2 second
GP.output(8, GPIO.LOW) # Turn
off Print("The LED is OFF")
Sleep(2) # Sleep for 2 second
```