LED_BLINKING_CODE.txt

```
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:                #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
```

TRAFFIC LIGHT_RASBERRY_PYTHON CODE.txt

```
from gpiozero import LED
from time import sleep
```

```
red= LED(17)                    #pin numbers connected to Led's
aster=(22)
green=(27)



while True:
   red.on()                  #RED light
   print("Red light is ON")
   for i in range(100,0,-1):
      print("Remaining time: ",i)
      sleep(1)
   red.off()

   aster.on()                # ASTER light
   print("Yellow light is ON")
   for i in range(5,0,-1):
      print("Remaining time: ",i)
      sleep(1)
   aster.off()

   green.on                  #GREEN light
   print("Green light is ON")
   for i in range(30,0,-1):
      print("Remaining time: ",i)
      sleep(1)
   green.off()
```