ASSIGNMENT – III

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ASSIGNMENT TITLE:

LED BLINKING CODE

```
import RPi.GPIO as GP

from time import sleep

GP.setwarnings(False)

GP.setmode(GP.BOAR
D)

GP.setup(8,GP.OUT,init
ial=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
```

ASSIGNMENT TITLE:

TRAFFIC LIGHTRASBERRY
PYTHON CODE

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()
```