LED BLINKING

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:

GP.output(8, GPIO.HIGH)

print("The LED is ON")

sleep(2)

GP.output(8, GPIO.LOW)

print("The LED is OFF")

sleep(2)

TRAFFIC LIGHTS

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()