Assignment-III

Traffic light using Python Code.

from gpiozero import LED

from time import sleep

red=LED (17)

yellow=LED (22)

green=LED (27)

while True;

red. on ()

print (“Red light is ON”);

for i in range(100,0,-1):

print(“Remaning time:”.i)

sleep(1)

red.off()

yellow. on ()

print (“Yellow light is ON”);

for i in range (5,0,-1):

print(“Remaning time:”.i)

sleep(1)

yellow.off()

green. on ()

print (“green light is ON”);

for i in range(30,0,-1):

print(“Remaning time:”.i)

sleep(1)

green.off()

LED BLINKING CODE USING PYTON

Import RPLGPIO 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)