1) LED BLINKING

Import RPi.GPIO as GPIO

From time import sleep

GPIO.setwarnings(False) GPIO.setmode(GPIO.BOARD)

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)

While True: GPIO.output(8, GPIO.HIGH) Print(“The LED is ON”)

Sleep(5)

GPIO.output(8, GPIO.LOW)

Print(“The LED is OFF”)

Sleep(5)

2) Traffic light

from gpiozero import LED from time import sleep

red= LED(17)amber=(22)green=(27)

while True:red.on()#RED lightprint("Red light is ON")for i in range(60,0,-1):print("Remaining time: ",i)sleep(1)red.off()

amber.on()

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

green.on

#GREEN lightprint("Green light is ON")for i in range(40,0,-1):print("Remaining time: ",i)sleep(1)green.off()