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# Raspberry Pi Program to Blink A LED.

import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library

from time import sleep # Import the sleep function from the time module GPIO.setwarnings(False) # Ignore warning for now GPIO.setmode(GPIO.BOARD) # Use physical pin numbering

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) # Set pin 8 to be an output pin and set initial value to low (off) while True: # Run forever

GPIO.output(8, GPIO.HIGH) # Turn on sleep(1) # Sleep for 1 second GPIO.output(8, GPIO.LOW) # Turn off sleep(1) # Sleep for 1 second

# Raspberry Pi Program for Traffic Light.

from gpiozero import Buzzer from gpiozero import Button from gpiozero import LED

from time import sleep

button = Button (21) buzzer = Buzzer (15) redled = LED(25)

yellowled = LED(8) greenled = LED(7) while True:

if button.is\_pressed: redled.on() buzzer.on() sleep(2) redled.off() buzzer.off() yellowled.on() sleep(2) yellowled.off() greenled.on() sleep(2) greenled.off() break