

ASSIGNMENT 3

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LED PROGRAM:

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)

sleep(1)

GPIO.output(8,GPIO.LOW)

sleep(1)

TRAFFIC LIGHT PROGRAM:

import RPi.GPIO as GPIO

from time import sleep

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BOARD)

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

GPIO.setup(17,GPIO.OUT,initial=GPIO.LOW)

GPIO.setup(21,GPIO.OUT,initial=GPIO.LOW)

while True:

GPIO.output(8,GPIO.HIGH)

GPIO.output(17,GPIO.LOW)

GPIO.output(21,GPIO.LOW)

sleep(1)

GPIO.output(8,GPIO.LOW)

GPIO.output(17,GPIO.HIGH)

GPIO.output(21,GPIO.LOW)