

ASSIGNMENT

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| Assignment Date | 05/10/22 |
| Student Name | Sowndhariya PR |
| Student Roll Number | 811519106142 |
| Maximum Marks | 2 Marks |

PROGRAM:

Import time

Import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

While True:

GPIO.output(11,True)

Time.sleep(1)

GPIO.output(11,False)

Time.sleep(1)

From gpiozero import Button, TrafficLights, Buzzer

Buzzer = Buzzer(27)

Button = Button(15)

Lights = TrafficLights(25, 8, 7)

While True:

Button.wait_for_press()

Buzzer.on()

Light.green.on()

Sleep(1)

Lights.amber.on()

Sleep(1)

Lights.red.on()

Sleep(1)

Lights.off()

Buzzer.off()