

ASSIGNMENT 3:

Blink An LED:

```
from gpiozero import LED
from time import sleep
led = LED(23)
while True:
    led.on()
    print('LED ON')
    sleep(1)
    led.off()
    print('LED OFF')
    sleep(1)
```

Traffic lights:

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep
buzzer = Buzzer(15)
button = Button(21)
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()