

Assignment3.py - C:/Python25/Assignment3.py  
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```
import RPi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BOARD)
GPIO.setup(7, GPIO.OUT) #Green LED
GPIO.setup(11, GPIO.OUT) #Yellow LED
GPIO.setup(13, GPIO.OUT) #Red LED
GPIO.setup(15, GPIO.IN, pull_up_down=GPIO.PUD_UP) #Button

def turn_on(pin, seconds):
    GPIO.output(pin, GPIO.HIGH)
    time.sleep(seconds)

def turn_off(pin, seconds):
    GPIO.output(pin, GPIO.LOW)
    time.sleep(seconds)

try:
    while True:
        button_state = GPIO.input(15)
        if button_state == True:
            turn_on(13, 2)
            turn_off(13, 1)
            turn_on(7, 4)
            turn_off(7, 1)
            turn_on(11, 1)
            turn_off(11, 1)
        else:
            if button_state == False:
                GPIO.output(7, GPIO.LOW)
                GPIO.output(11, GPIO.LOW)
                GPIO.output(13, GPIO.LOW)
                time.sleep(.1)
except KeyboardInterrupt:
    GPIO.cleanup()
print("Traffic Light Sequence Done")
```

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