

```
Import RPi.GPIO as GPIO

Import time

GPIO.setmode(GPIO.BOARD)

GPIO.setup(7,GPIO.OUT)

GPIO.setup(11,GPIO.OUT)

GPIO.setup(13,GPIO.OUT)

GPIO.setup(15,GPIO.IN,pull_up_down_=GPIO.UP)

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()
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Print("TRAFFIC LIGHT SEQUENCE DONE")
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