```
import RP1.GPIO as GP10
  import time


  GPIO. setmode(GPIO.BOARD)
  GPIO.setup(7, GPIO.OUT) #Green LED
  GPIO.setup(11, GPI0.OUT)#Yellow LED
  GPIO.setup(13, GPI0.OUT) #Red LED
  GPI0.setup(15, GP10.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)
          tum_off(13,.1)
          turn_on(7,4)
          turn_off(7,.11)
```

```
            turn_on(11,1)
            turn_off(11,1)
        else:
            if button_state== False:
                GPI0.output (7,GPIO.LOW)
                GPIO.output(11,GPIO.LOW)
                GP10.output (13,GPIO.LOW)
                time.sleep(.1)
except KeyboardInterrupt:
    GPIO.cleanup()
    print("Traffic Light Sequence Done")
```