

```
from machine import Pin,  
import time
```

```
yellow=Pin(26, Pin.OUT)  
green=Pin(27, Pin.OUT)  
red=Pin(25,Pin.OUT)  
push_button = Pin(33, Pin.IN)
```

```
def knopf():  
    redzugreen()  
    time.sleep(1)  
    greenzured()
```

```
def redzugreen():  
    red.value(1)  
    time.sleep(5)  
    yellow.value(1)  
    time.sleep(2)  
    red.value(0)  
    yellow.value(0)  
    green.value(1)  
    time.sleep(5)
```

```
def greenzured():  
    i = 1  
    while i < 8:  
        green.value( not green.value())  
        time.sleep(0.5)  
        i += 1  
    green.value(0)  
    yellow.value(1)
```

```
time.sleep(1)
yellow.value(0)
red.value(1)
```

```
while True:
```

```
    logic_state = push_button.value()
    if logic_state == True:    # if pressed the push_button
        knopf()               # led will turn ON
```