



```

sketch_nov25a
#define WINKEN 1
#define NICHTWINKEN 0

int state = 0;

#include <Servo.h>
Servo myservo;

int rot = 8;
int gruen = 11;

long timel = 0;
long time2 = 1000;

long interval = 1000;

void setup() {
  // put your setup code here, to run once:

  Serial.begin(9600);
  myservo.attach(3);
  pinMode(rot, OUTPUT);
  pinMode(gruen, OUTPUT);
}

void loop() {
  // put your main code here, to run repeatedly:
  stateMachine();
}

void stateMachine() {
  switch (state){
    case NICHTWINKEN:
      if(millis()-timel>interval){
        timel=millis();
        myservo.write(0);
        digitalWrite(rot, HIGH);
        delay(interval*2);
        digitalWrite(rot, LOW);
        state=WINKEN;
      }
      break;

    case WINKEN:
      if(millis()-timel>interval){
        timel=millis();
        myservo.write(45);
        digitalWrite(gruen, HIGH);
        delay(interval);
        myservo.write(0);
        delay(interval);
        myservo.write(45);
        delay(interval);
        myservo.write(0);
        digitalWrite(gruen, LOW);
        state=NICHTWINKEN;
      }
      break;
  }
}

```