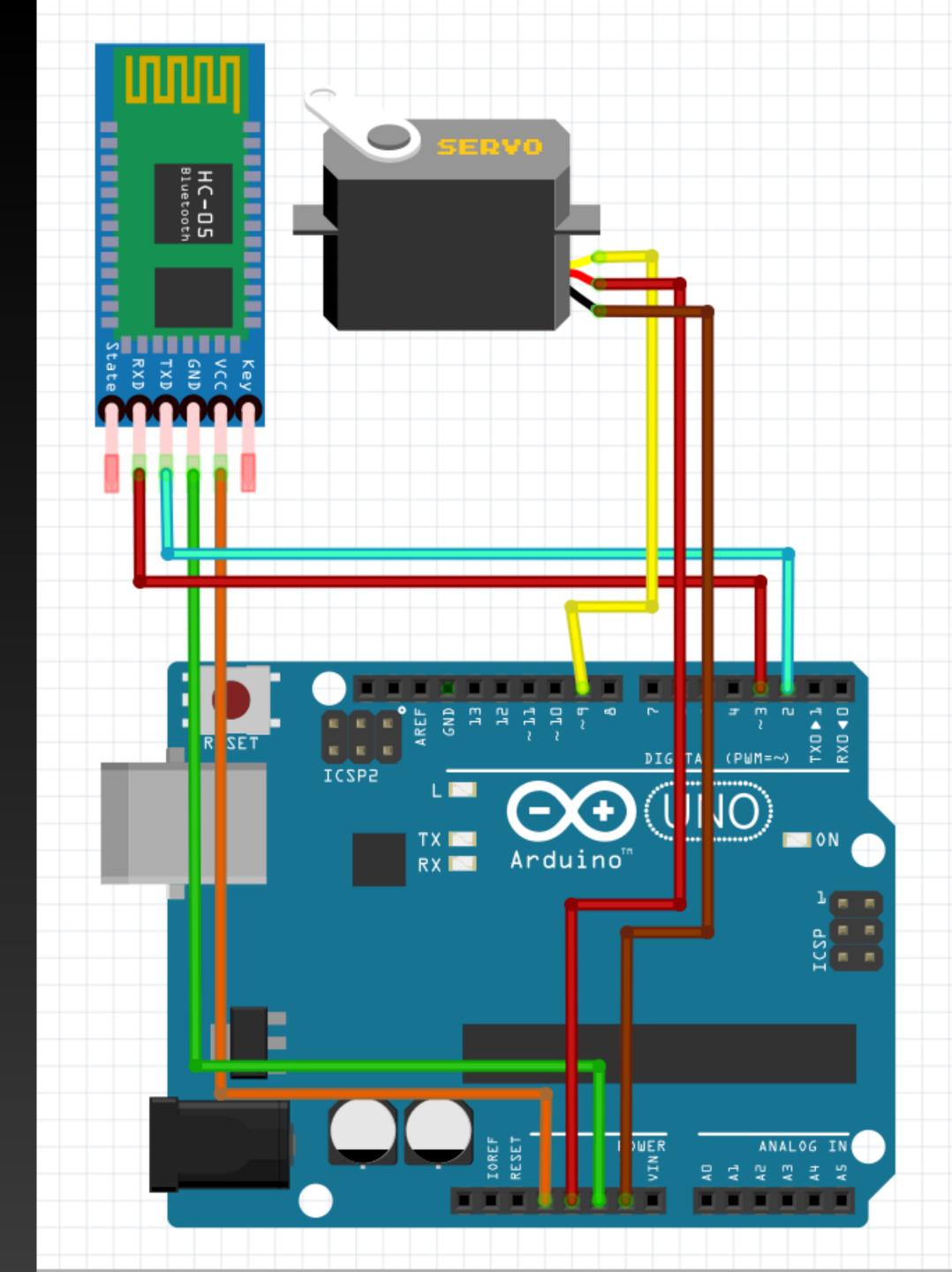
Arduino로 형광등 제어하기

With Servo Motor, Bluetooth Module

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- 2. Servo Motor 제어
- 3. Bluetooth Module (HC-06) 사용
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1.회로연결

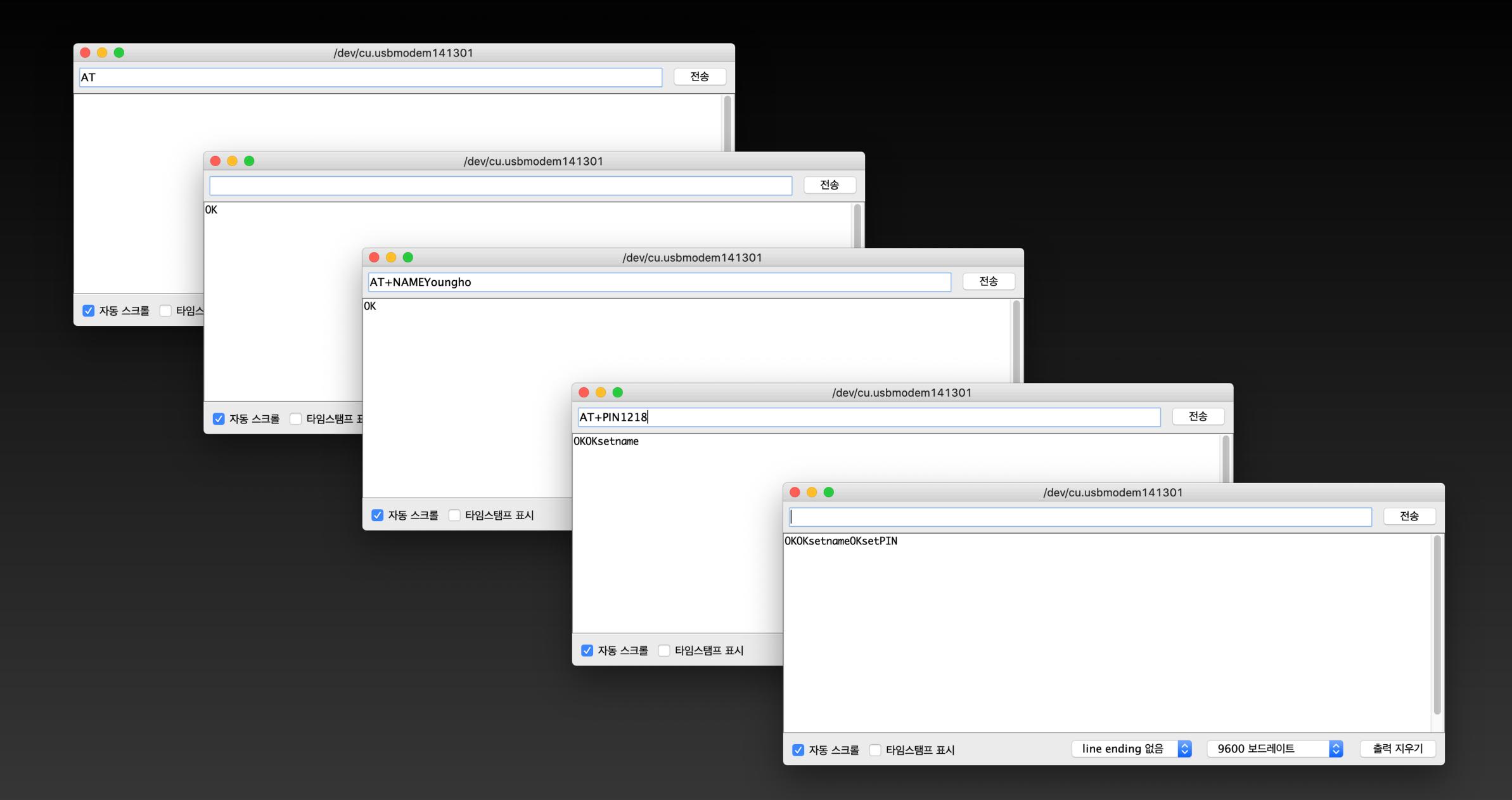


2. Servo Motor 제어



3. Bluetooth Module 설정

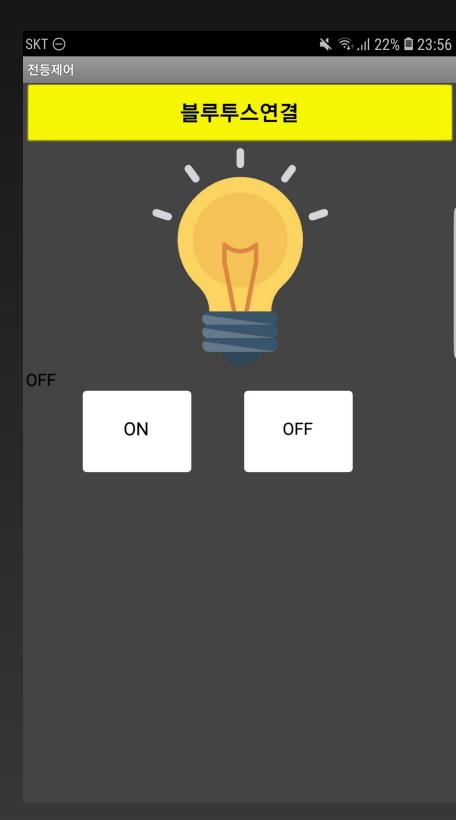




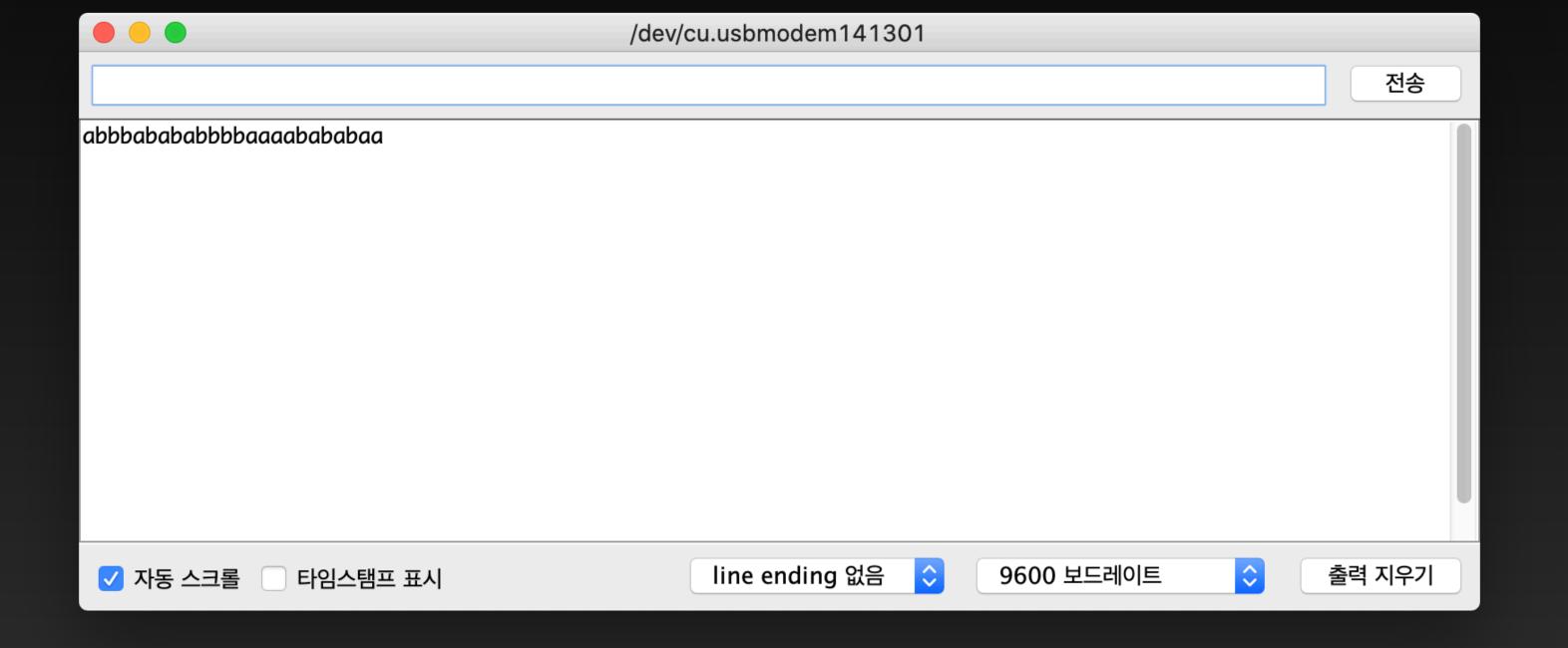
3. App download

https://drive.google.com/file/d/1TyzP1zPN2A4Pefi5OtZvyJKcA0yYum3C/

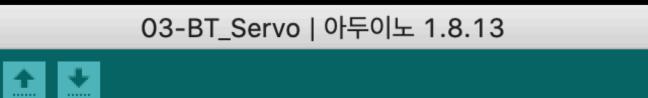
view?usp=sharing



3. 연결확인



4.2+3



03-BT_Servo



```
#include <SoftwareSerial.h>
#include <Servo.h>
SoftwareSerial BTSerial(2, 3);
Servo myservo;
void setup() {
  Serial.begin(9600);
  BTSerial.begin(9600);
  myservo.attach(9);
void loop() {
 if(BTSerial.available()) {
    char data = BTSerial.read(); // 블루투스로 받은 값을 변수 data에 저장
   if(data == 'a') {
                                // data가 a면
      myservo.write(180);
                                // 서보모터 180도로 설정
    } else if(data == 'b') {
      myservo.write(0);
```

Arduino Uno on /dev/cu.usbmodem141301

EOF