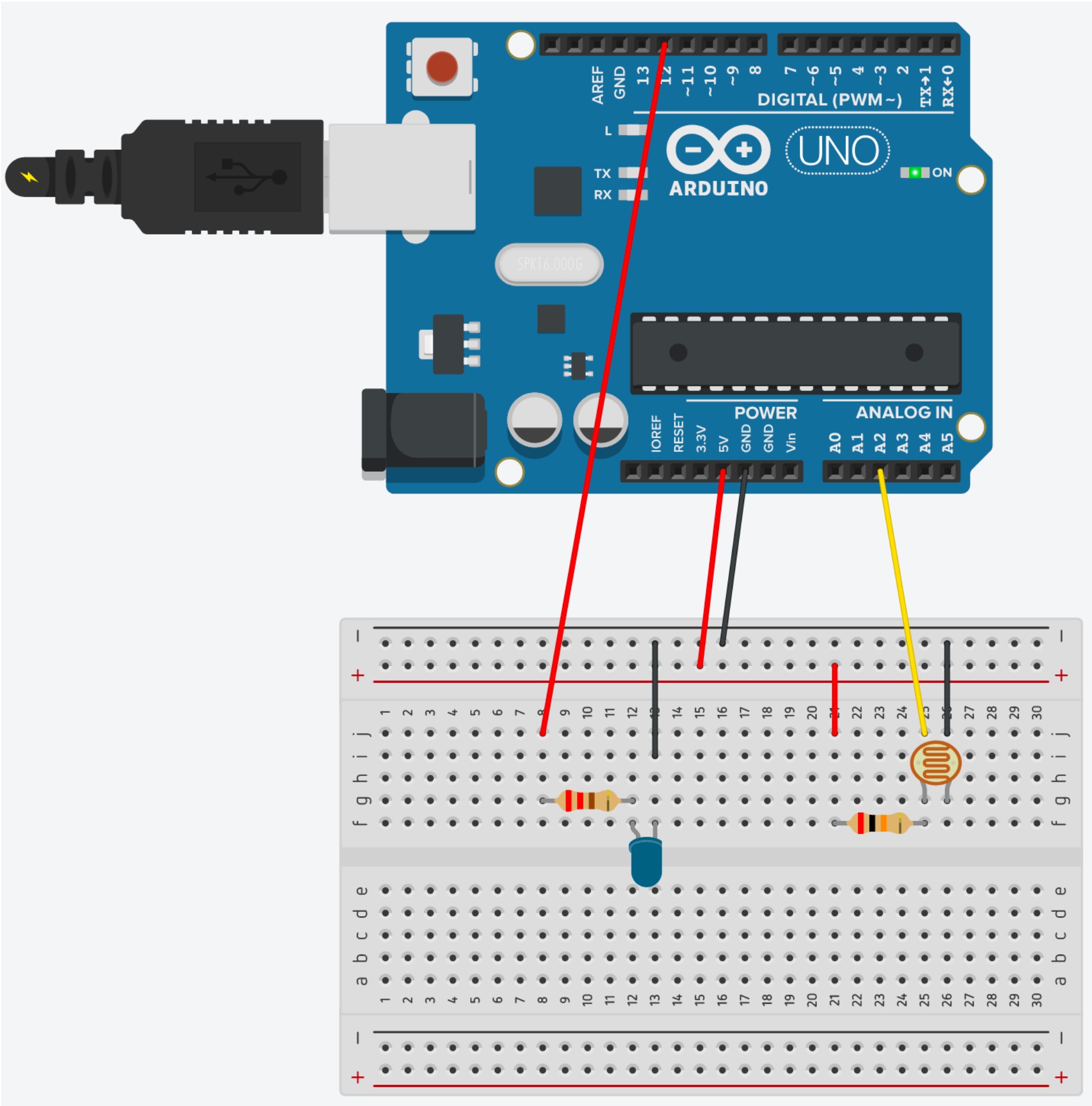


Emotional response to light



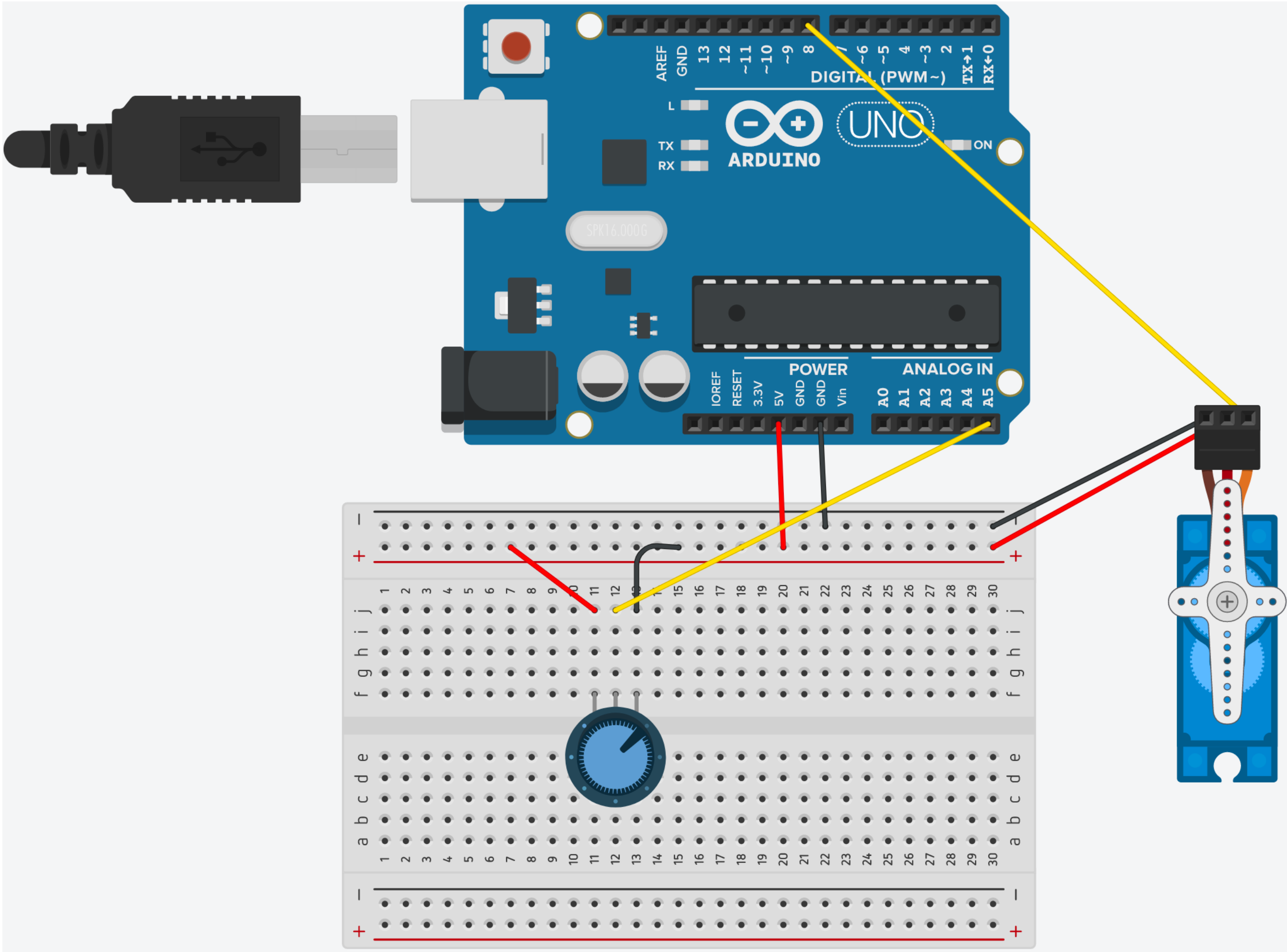
sad-blue-light | Arduino 1.8.13

Upload

```
sad-blue-light
1 int blue = 12;
2 float sensor;
3
4
5 void setup() {
6   Serial.begin(9600); // baud rate
7   pinMode(blue, OUTPUT);
8   // put your setup code here, to run once:
9 }
10
11
12 void loop() {
13   sensor = analogRead(2);
14   Serial.println(sensor);
15
16   if(sensor > 650){
17     digitalWrite(blue, HIGH);
18   } else if(sensor <= 650 && sensor > 500){
19     digitalWrite(blue, HIGH);
20     delay(200);
21     digitalWrite(blue, LOW);
22     delay(200);
23   } else if(sensor <= 500 && sensor > 0){
24     digitalWrite(blue, LOW);
25   }
26 }
```

1 Arduino Uno on /dev/cu.usbmodem141101

Potentiometer and servo



```
servo_potentiometer | Arduino 1.8.13

1 #include <Servo.h>
2
3 int sensorValue = 0;
4
5 int outputValue = 0;
6
7 Servo myservo;
8
9 void setup() {
10
11   // put your setup code here, to run once:
12   pinMode(A5, INPUT);
13   myservo.attach(9); // attaches the servo on pin 9 to the servo object
14 }
15
16
17 void loop() {
18
19   sensorValue = analogRead(A5);
20   outputValue = map(sensorValue, 0, 1023, 0, 90);
21   myservo.write(outputValue);
22   delay(10);
23 }
24 }
```

6 Arduino Uno on /dev/cu.usbmodem141101