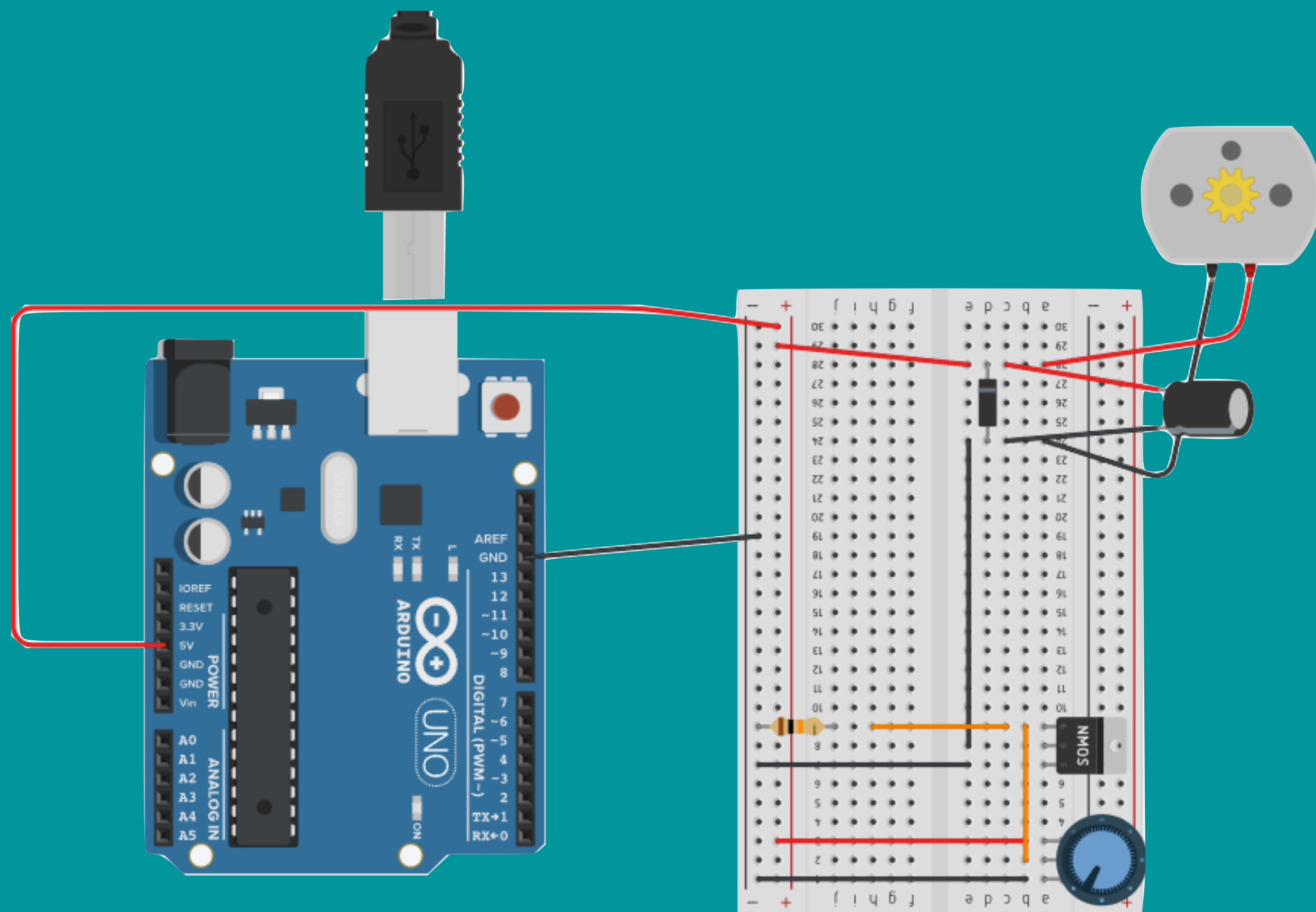# Progetto Arduino 3

Dc motor con potenziometro

Dc motor con bottone

Dc motor con blinking LED
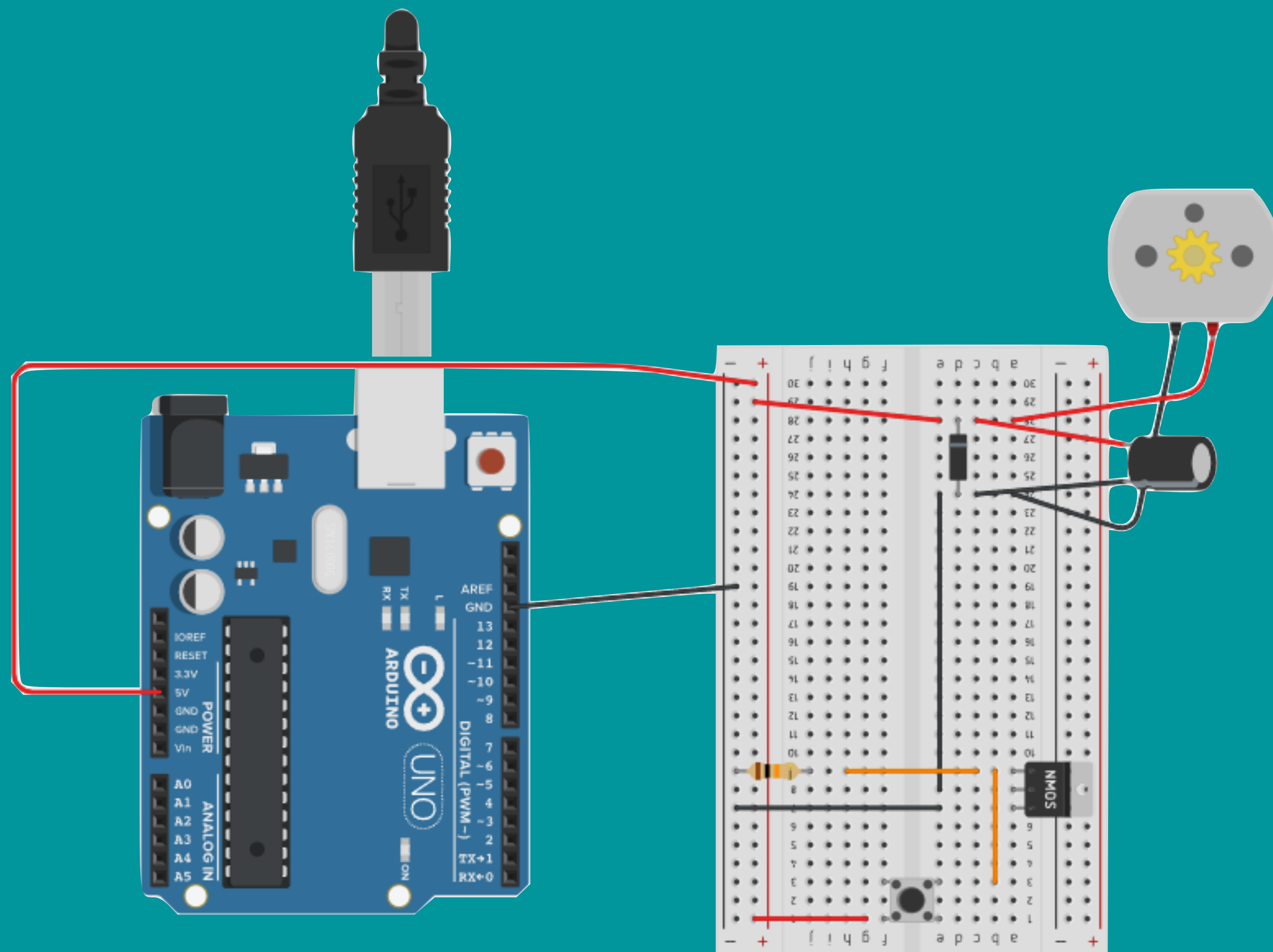
Dc motor comandato da monitor
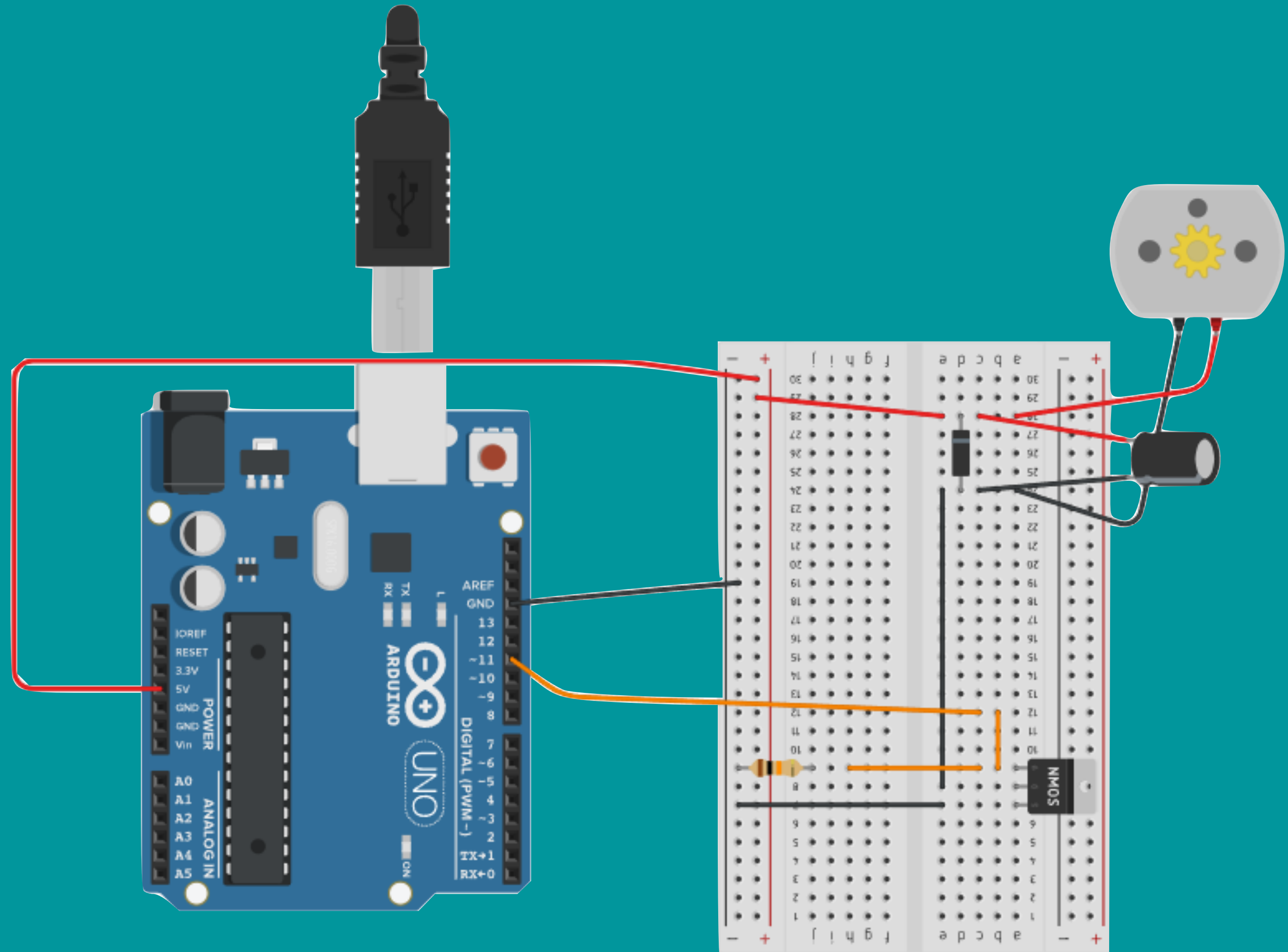
Dc motor con potenziometro

Dc motor con Bottone

Dc motor con Blinking LED

Codice

```
const int led=3;
void setup() {
  pinMode(led,OUTPUT);+


  // put your setup code here, to run once:



}


void loop() {
  digitalWrite(led,HIGH);
  delay(100);
  digitalWrite(led,LOW);
  delay(100);
  // put your main code here, to run repeatedly:


}
```
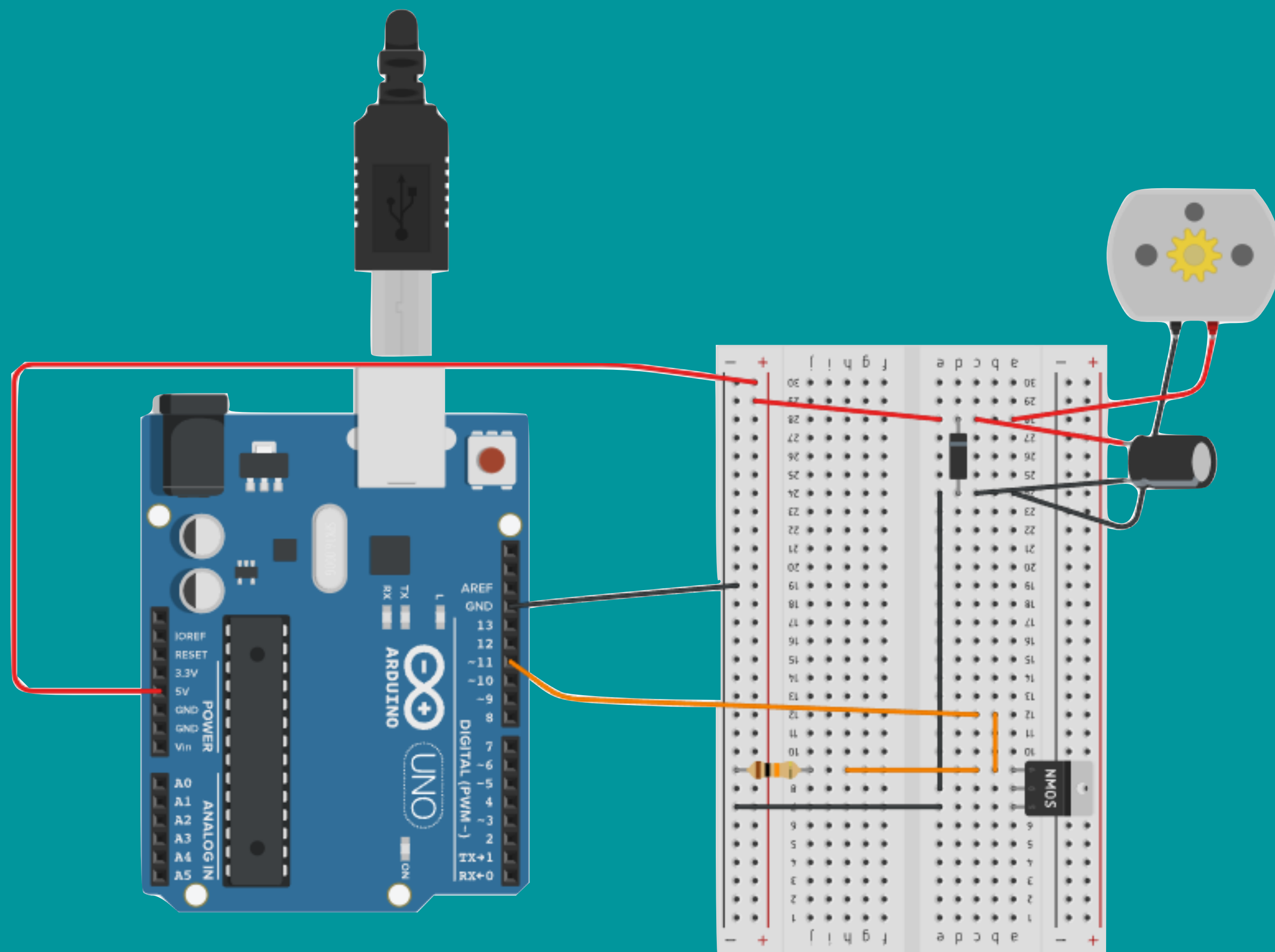
Dc motor comandato dal monitor

Codice

```
int motorPin = 3;
void setup()
{
pinMode (motorPin, OUTPUT);
Serial.begin(9600);
while (! Serial);
Serial.println("Speed 0 to 255");
}
void loop()
{
if (Serial.available())
{
int speed = Serial.parseInt();
if (speed >= 0 && speed <= 255)
{
analogWrite(motorPin, speed);
}
delay(5000);
}
}
```