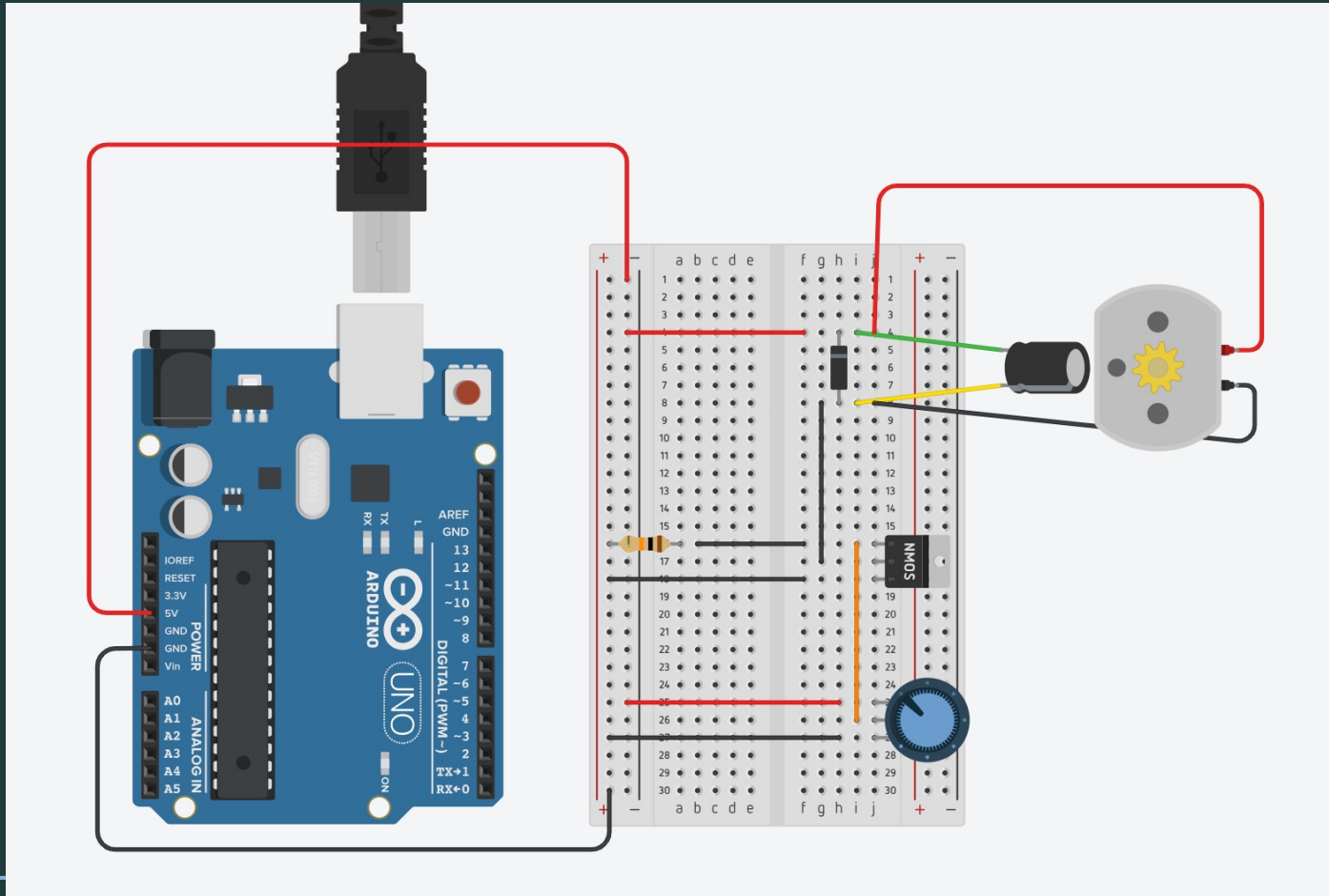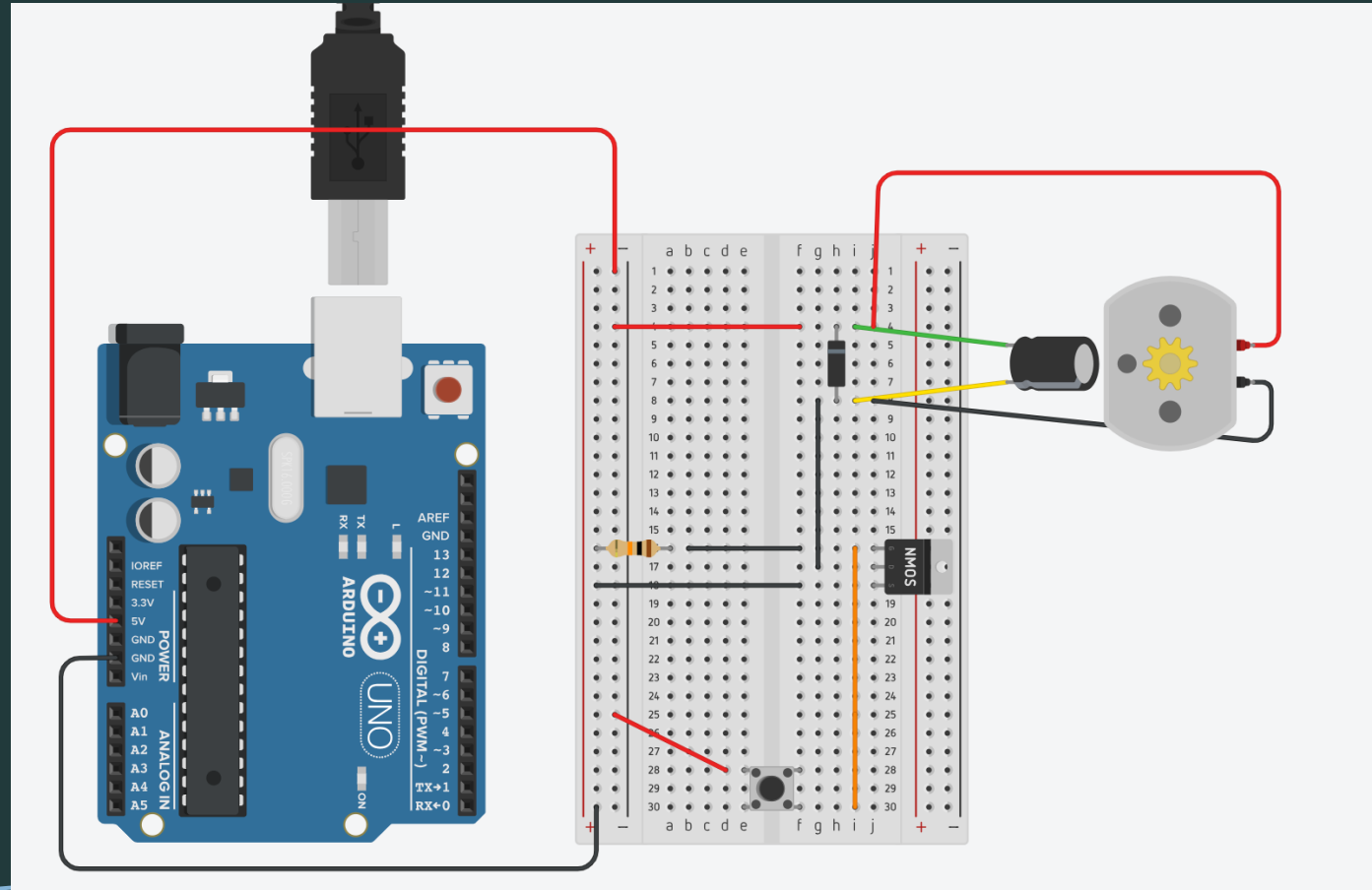# Laboratorio DC MOTOR

Lavoro di Beatrice Bassoli - Enfys Dushkaj - Alessandro Matranga
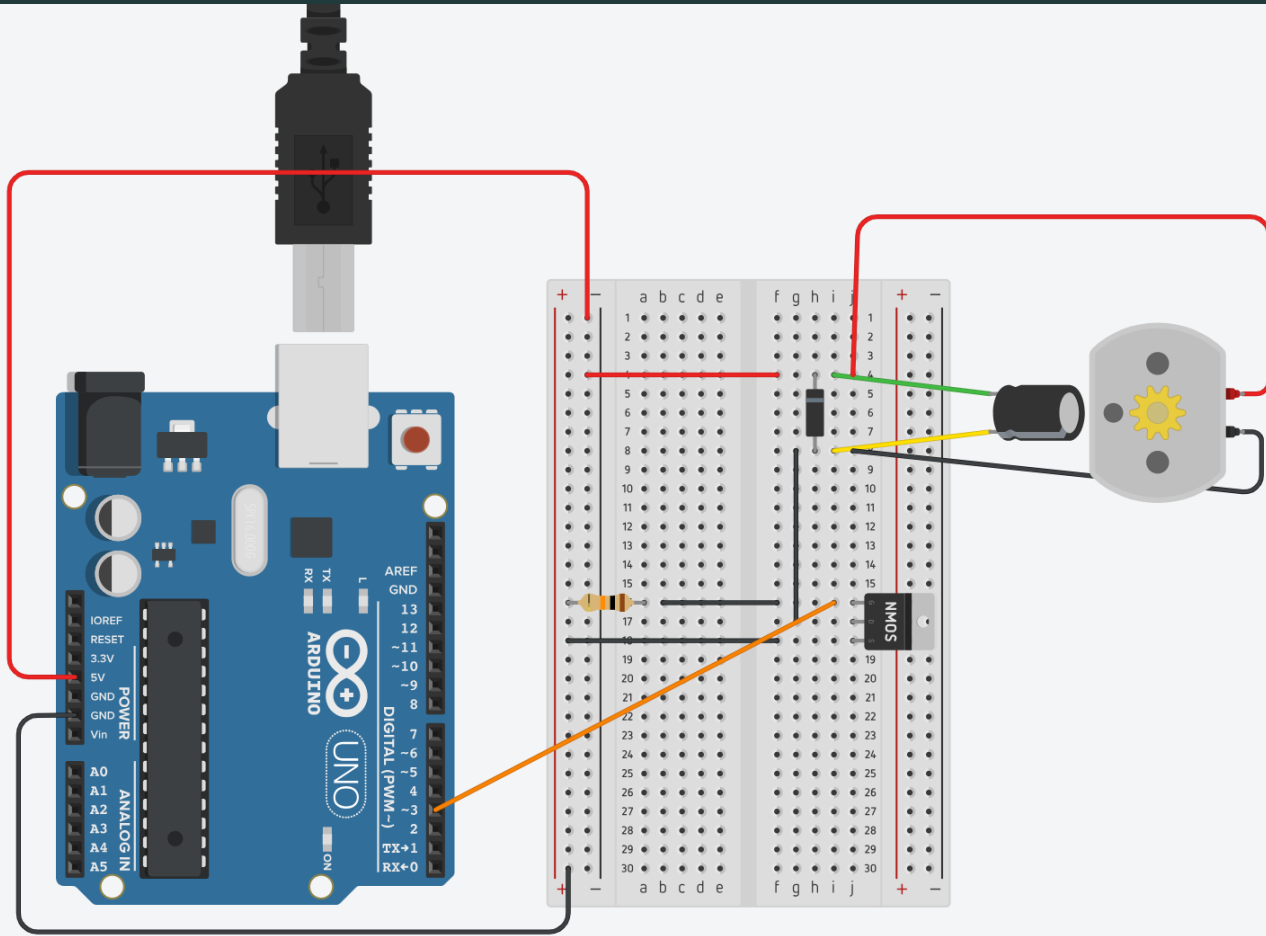
DC MOTOR CON POTENZIOMETRO

DC MOTOR CON BOTTONE

DC MOTOR CON BLINKING LED


```
1  const int led=3;
2
3  void setup() {
4      // put your setup code here, to run once
5      pinMode(led,OUTPUT);
6  }
7
8  void loop() {
9      // put your main code here, to run repeatedly:
10     digitalWrite(led,LOW);
11     digitalWrite(led,HIGH);
12 }
```

DC MOTOR COMANDATO DA MONITOR


```
1   int motorPin = 3;
2   void setup()
3   {
4   pinMode (motorPin, OUTPUT);
5   Serial.begin(9600);
6     while (! Serial);
7     Serial.println("Speed o to 255");
8     }
9     void loop ()
10    {
11    if (Serial.available())
12    {
13    int speed = Serial.parseInt();
14    if (speed >= 0 && speed <= 255)
15    {
16    analogWrite(motorPin, speed);
17    }
18    delay(5000);
19     }
20     }
```