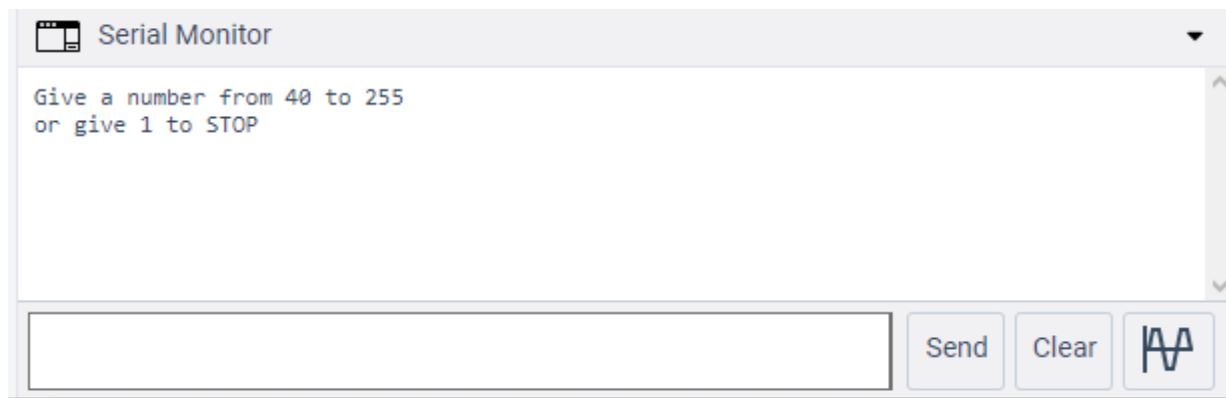
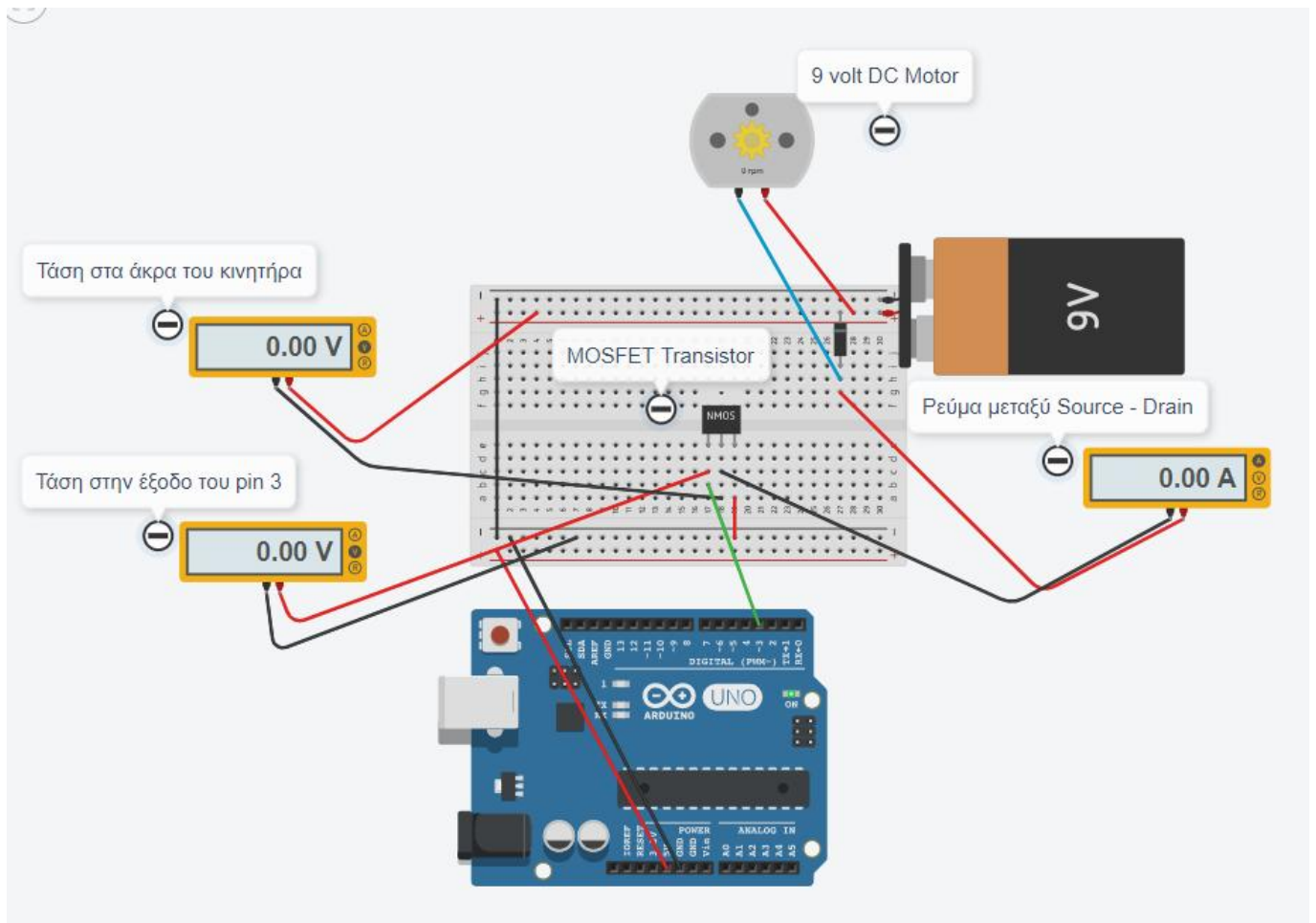


## ΕΛΕΓΧΟΣ ΤΑΧΥΤΗΤΑΣ DC ΚΙΝΗΤΗΡΑ ΑΠΟ ΤΗ ΣΕΙΡΙΑΚΗ ΘΩΝΗ



```
const int motorPin = 3;

int Speed;

int flag;

void setup() {
  pinMode(motorPin, OUTPUT);
  Serial.begin(9600);
  Serial.println("Give a number from 40 to 255");
  Serial.println("or give 1 to STOP");
}
```

```
Serial.println("");
}
void loop() {
  if (Serial.available() > 0) {
    Speed = Serial.parseInt();
    flag=0;
  }
  if (Speed>=40 && Speed<=255) {
    analogWrite(motorPin, Speed);
    if (flag==0) {
      Serial.print("Motor spinning with ");
      Serial.print(Speed);
      Serial.println(" PWM");
      flag=1;
    }
  }
  if (Speed==1 && flag==0) {
    analogWrite(motorPin, 0);
    Serial.println("Motor STOPPED ");
    flag=1;
  }
  delay(1000);
}
```