

```
1 # These settings apply to how the script will operate.
2 copter_settings:
3
4   # angle to run the motor at
5   RUN_ANGLE: 35
6
7   # mode to run the motor in clockwise or counterclockwise
8   run_mode:
9     # clockwise
10    CW: True
11  # settings the script will use while running
12  run_settings:
13    # angle range to fly the motor between assuming it don't over
14    IN_ANGLE_MIN: 0.00
15    IN_ANGLE_MAX: 90.00
16    # initial value of the potentiometer at the point we consider
17    IN_ANALOG_READ_VAL_MIN: .26
18    # final value of the potentiometer at the point we consider
19    IN_ANALOG_READ_VAL_MAX: .6119
20
21    # this is the output to be fed to the motor driver to adjust
22    #
23    PWM_OUT_MIN: .2
24    PWM_OUT_MAX: .7
25
26    # pin to connect our analog read from potentiometer to
27    A_READ_PIN: 0
28    # pin to use to control the motor speed
29    PWM_OUT_PIN: 11
30
31    # motor direction switch
32    RUN_MODE_PIN: 8
33
34    # port arduino is connected to
35    PORT: com11
36
37
38
```