

Setting the Color of RGB Light Panel

M5Stack series: Make sure robot is connected with PC.

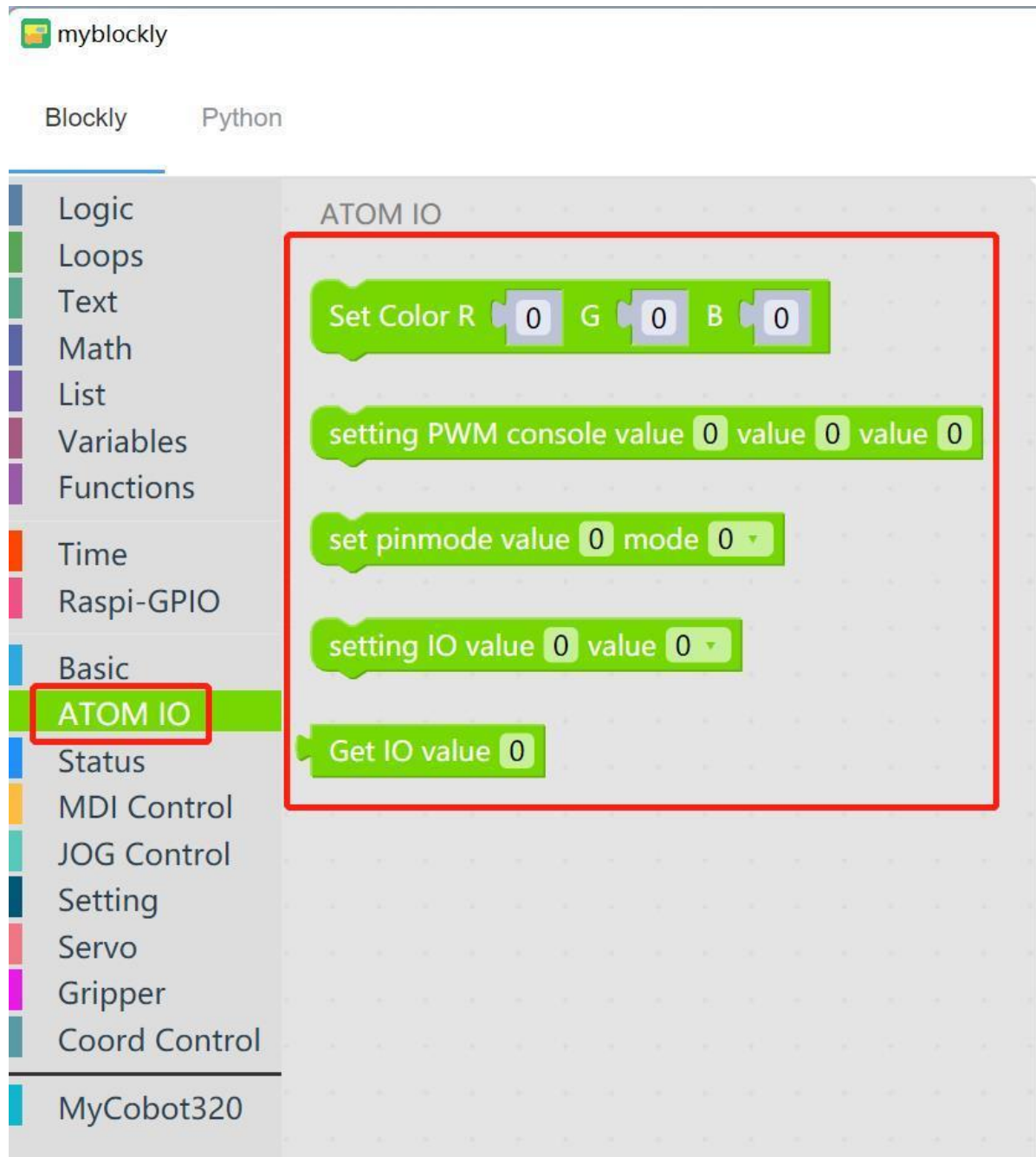
Other series: Make sure the robot is in normal status.

Purpose for this section

This section includes instructions for controlling the RGB light panel.

Introduction to API

- `Set Color R() G() B()`



The screenshot shows the myblockly Python editor interface. On the left, a sidebar lists various categories: Logic, Loops, Text, Math, List, Variables, Functions, Time, Raspi-GPIO, Basic, **ATOM IO** (highlighted with a red box), Status, MDI Control, JOG Control, Setting, Servo, Gripper, Coord Control, and MyCobot320. The main workspace is titled 'ATOM IO' and contains a sequence of five green blocks, all enclosed within a red rectangular border. The blocks are: 1. 'Set Color R' with input fields for R (0), G (0), and B (0). 2. 'setting PWM console value' with three input fields, each set to 0. 3. 'set pinmode value' with an input field set to 0 and a dropdown menu set to 0. 4. 'setting IO value' with two input fields, each set to 0. 5. 'Get IO value' with an input field set to 0.

- Applicable to myCobot 280 series, myCobot 320 series, myCobot Pro 600 series and myPalletizer 260 series



- Parameters:

Set the color of RGB light panel. R , G and B means red, green and blue respectively.

Brightness Range:

R: 0-255

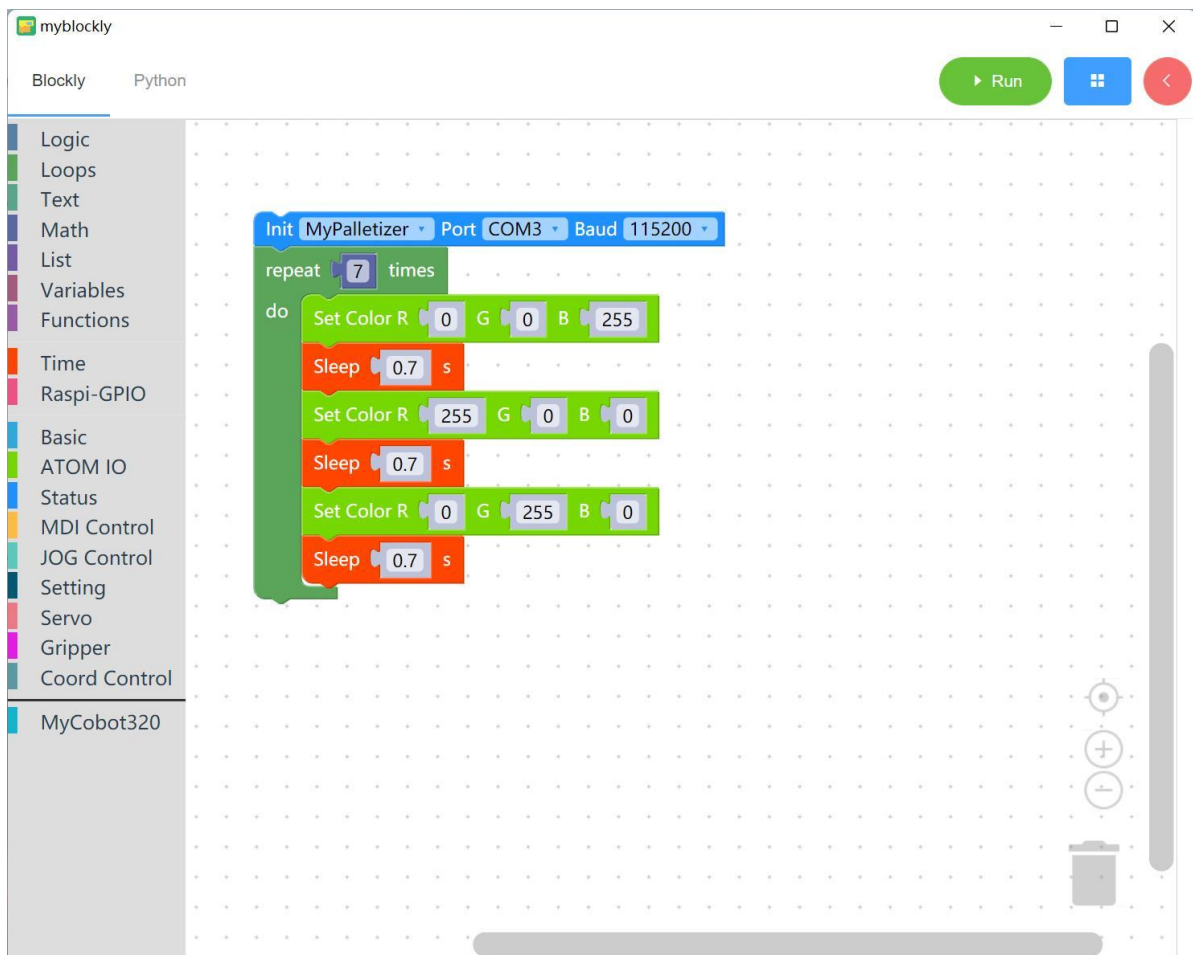
G: 0-255

B: 0-255

- Function: Controlling RGB light panel

Simple Demo

- program for display



- Change in color of RGB light panel:

The color of RGB light panel changes in sequence of blue, red, then green. The whole process loops 7 times.

