Let Robot Dance

Preparation

M5Stack series: Make sure robot is connected with PC.
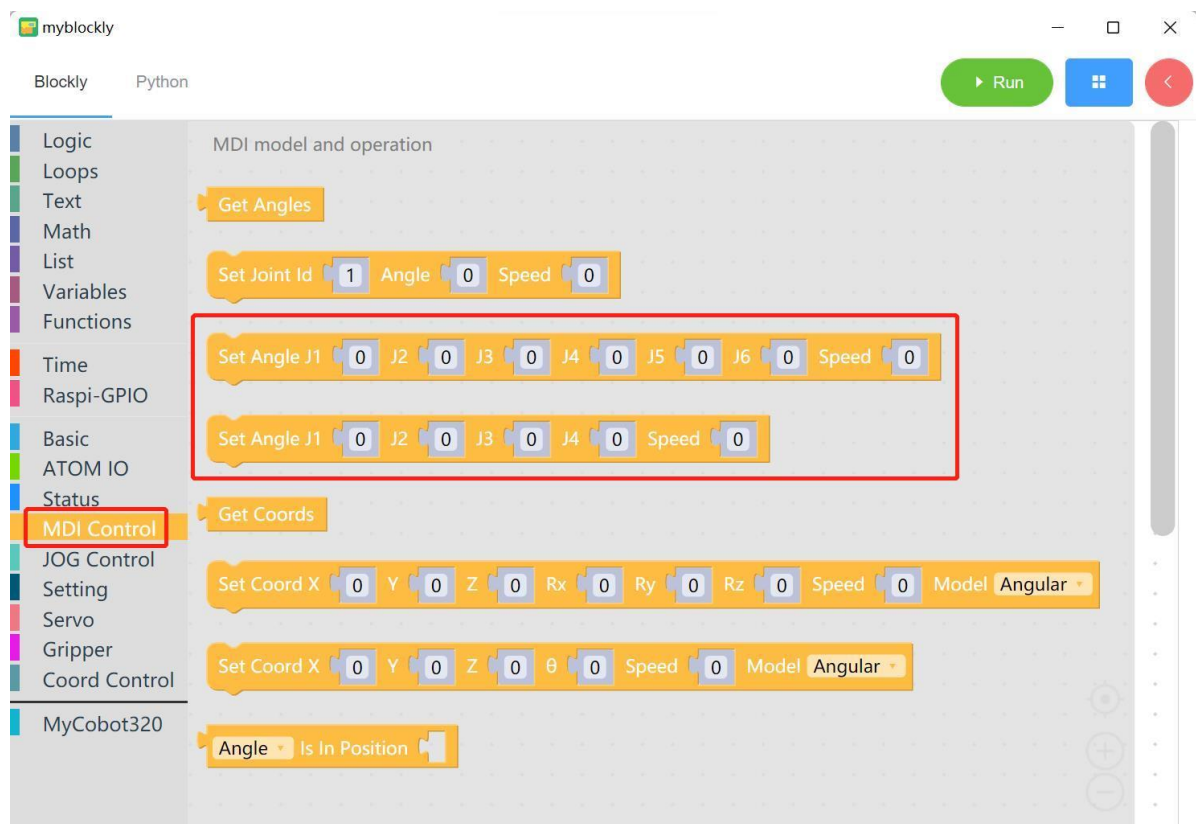
Other series: Make sure the robot is in normal status.

Purpose for this section

This section introduces instructions for swinging arms left and right.

Introduction to API

- `Set Angle`

- Applicable to six-axis robots (myCobot 280 series, mechArm series and myCobot 320 series)

- Applicable to four-axis robots (myPalletizer series)
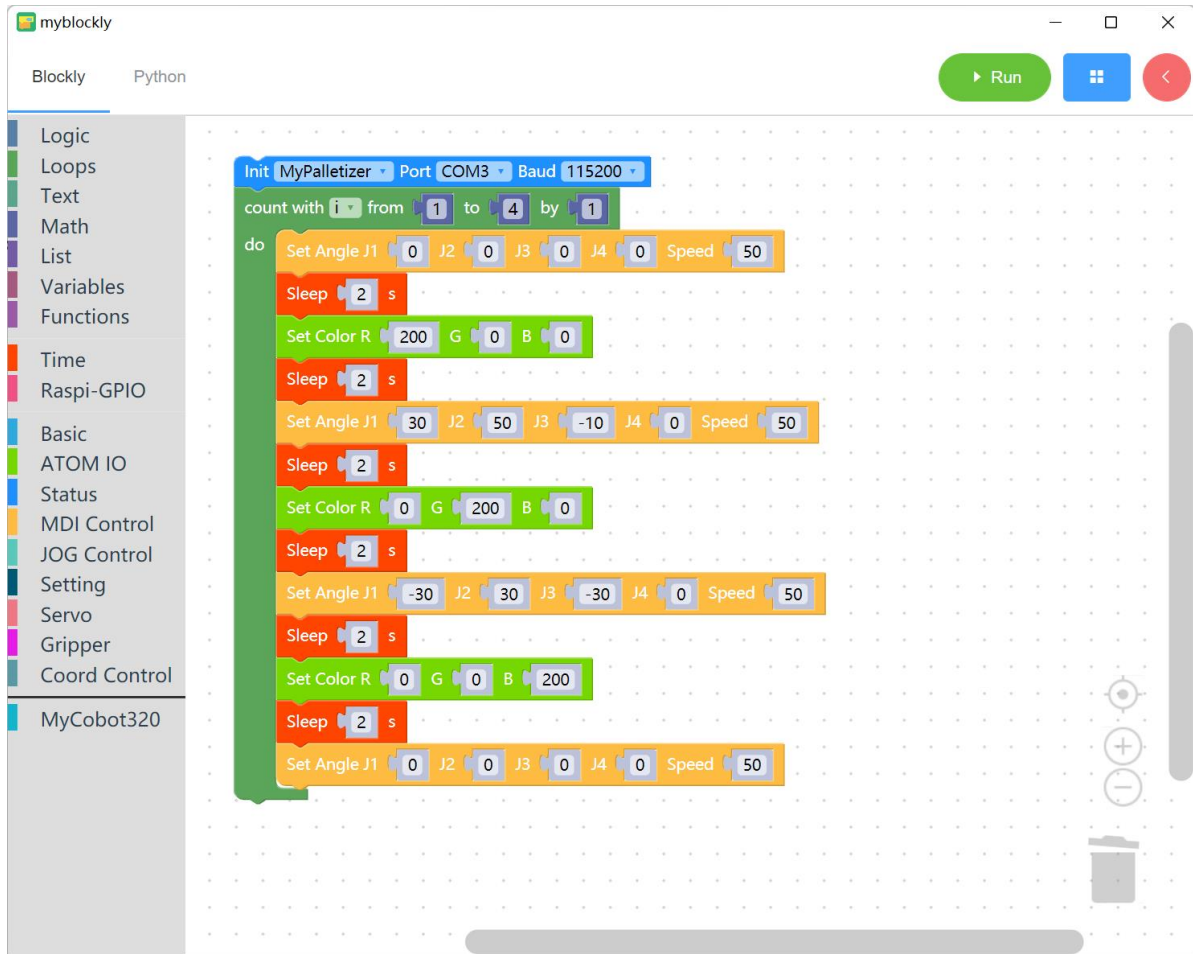

- Parameters:

  Joint angle: set angles within its due range according to your needs

Speed: set speed within its due range according to your needs

- Function: multiple joints move to corresponding degree at the preset speed.

Simple Demo

- Program for display:

- Motion:

All arms move to starting point, RGB light changes to red,

after 2 seconds, Joint 1, Joint 2 and Joint 3 move to 30 degree, 50 degree and -10 degree at the speed of 50 respectively,

after 2 seconds, RGB light changes to green,

after 2 seconds, Joint 1, Joint 2 and Joint 3 move to -30 degree, 30 degree and -30 degree at the speed of 50 respectively,

after 2 seconds, RGB light changes to blue,

after 2 seconds, all arms move to starting point.