Swinging Arms Left and Right

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
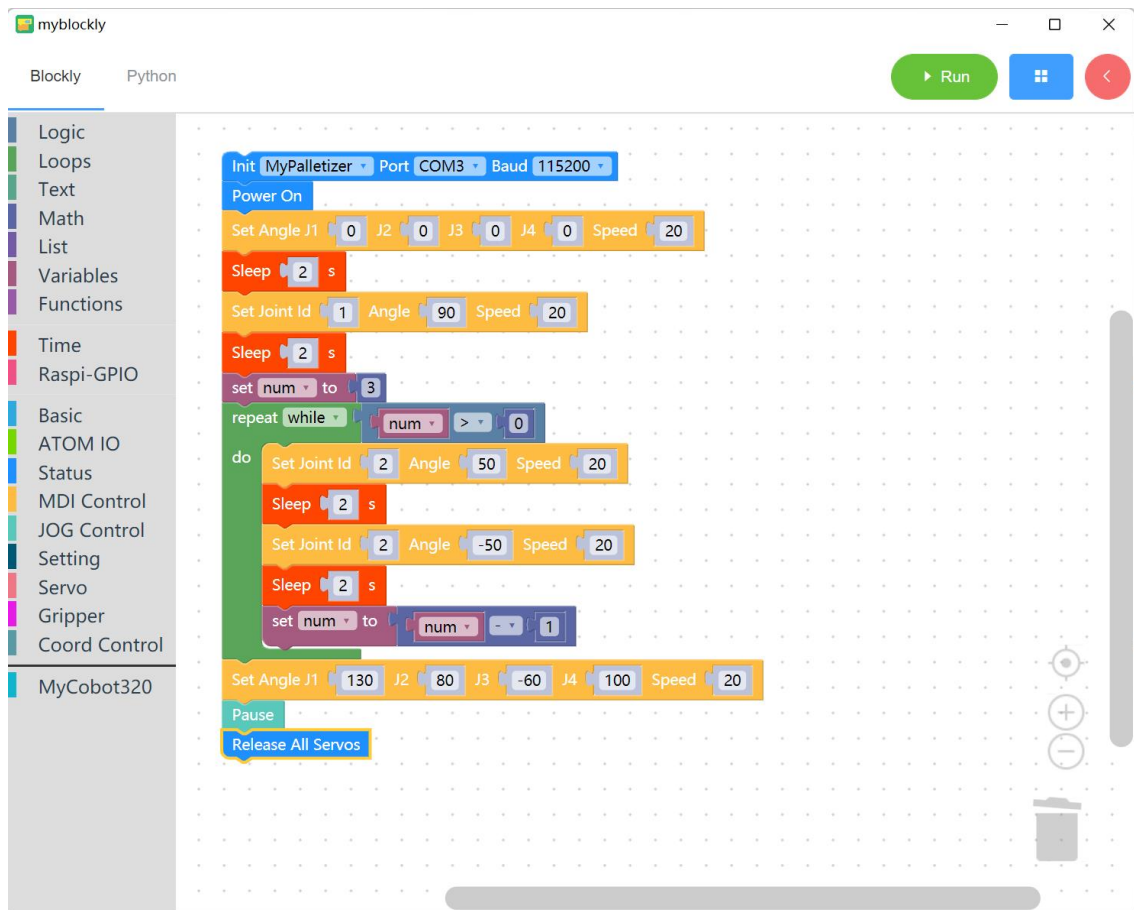
- `power_on()`

- Applicable to myCobot 280 series, mechArm series, myCobot 320 series and myPalletizer series
- Function: initiate system
- `release_all_servos()`

- Applicable to myCobot 280 series, mechArm series, myCobot 320 series and myPalletizer series
- Function: set robot arm into free moving mode

Simple Demo

- Program for display:

- Motion:

  Initiating system, arms move to starting point, after 2 seconds,

  Joint 1 move to 50 degree at the speed of 20, after 2 seconds,

  Joint 2 move to -50 degree at the speed of 20, after 2 seconds,

  the above process loops again,

  Joint 1, Joint 2, Joint 3 and Joint 4 move to 130 degree, 80 degree, -60 degree and 100 degree respectively.

  Motion stops, and then all servos release.