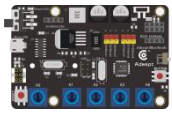
Lesson 3 How to use the button control

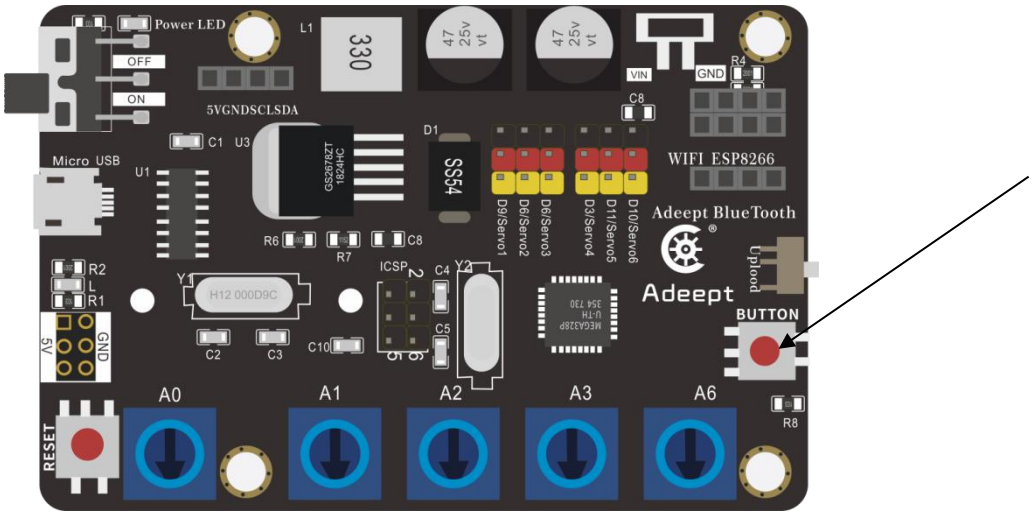
In this lesson, we will learn how to use the button.

3.1 Components used in this course

Components	Quantity	Picture
Adeept Arm Drive Board	1	
Micro USB Cable	1	

3.2 Wiring diagram (Circuit diagram)

Figure as below:



3.3 How to use the button

1. Before performing the following steps, make sure that the "block_py.ino" program has been uploaded. (If not, please upload the "block_py.ino" program)

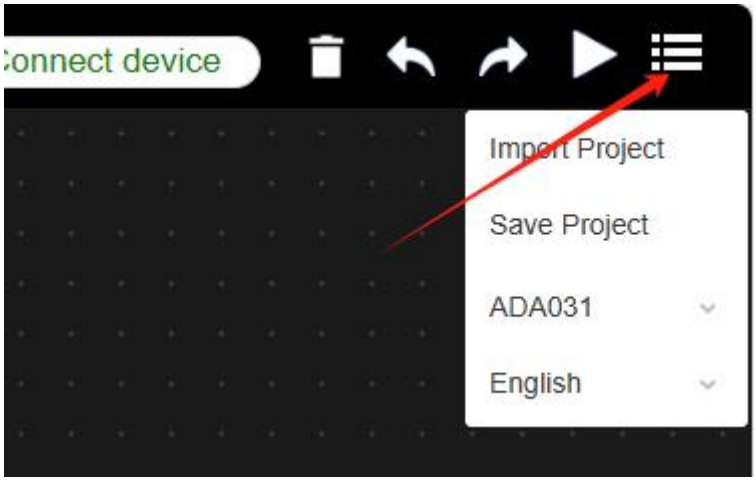
2. Connecting GwBlock graphical editor. (See" 1 Building the GwBlock Graphical

Programming Development Environment")

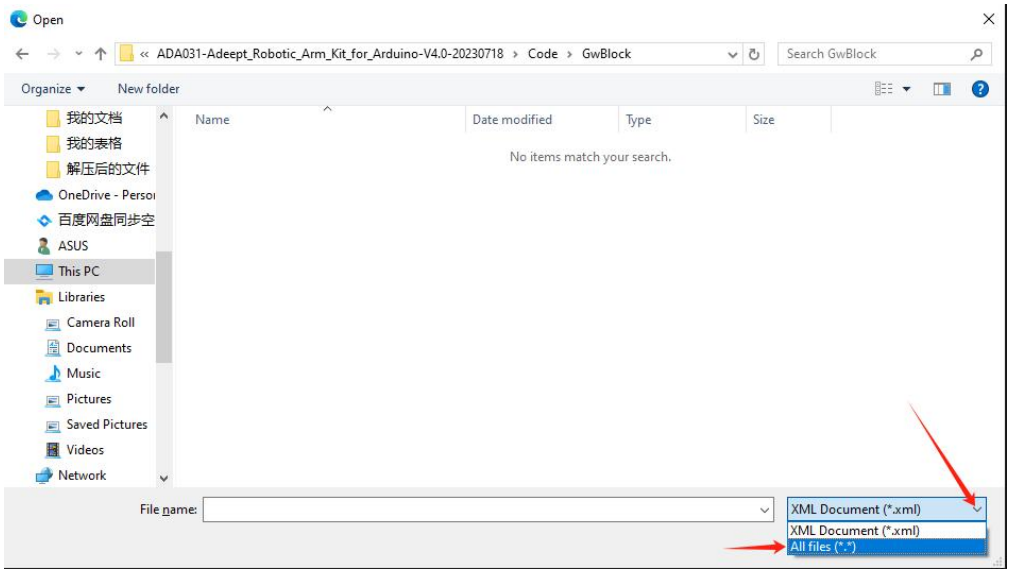
http://www.adeept.com/gwblock/?hd_mo=ADA031

3. Import the program in GwBlock

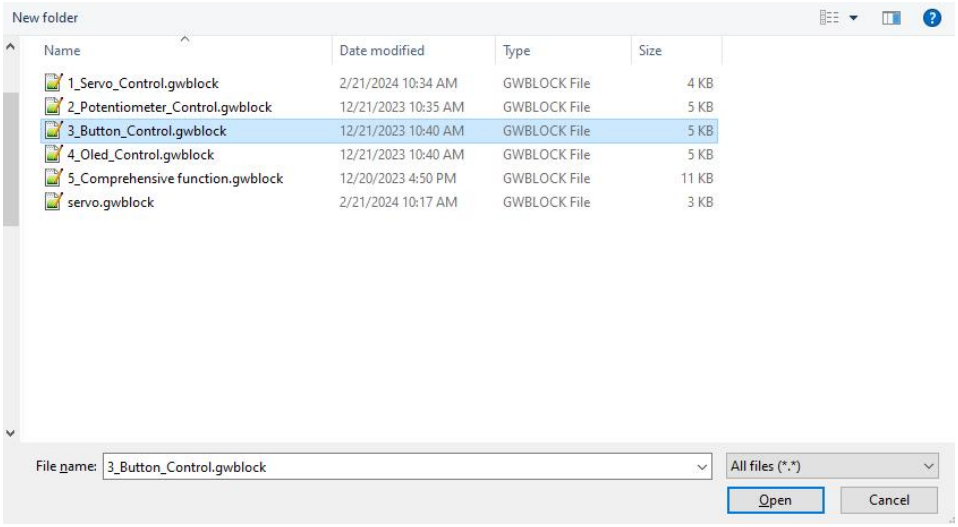
3.1 After successfully connecting to the GwBlock graphical editor, you need to click the drop-down button in the upper right corner, as shown bellow:



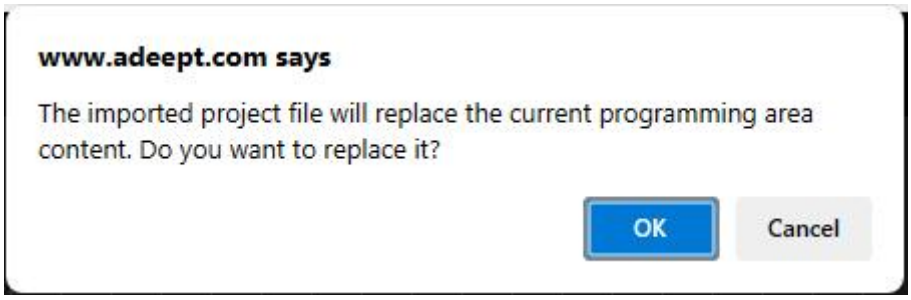
3.2 Then click Import project file to import the external project file. After opening it, a blank page will appear. You need to make a modification in the lower right corner and select All Files, as shown below:

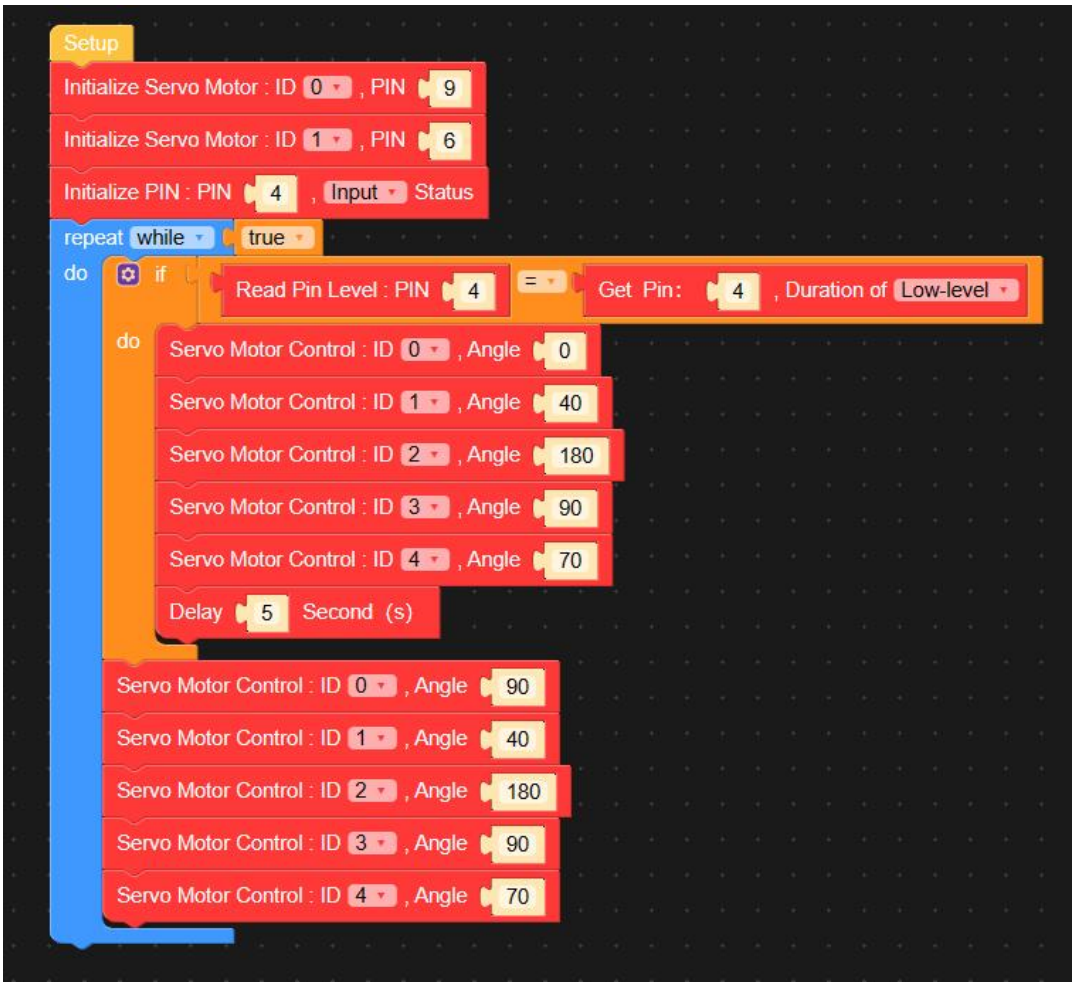


3.3 Then the folder will be displayed and find the user folder “Adeept_Robotic_Arm_Kit_for_Arduino-V4.0\Code\GwBlock”. Open the GwBlock folder and select the "3_Button_Control.gwblock" file. This file is our graphical code program for this lesson. Click "Open" in the lower right corner.



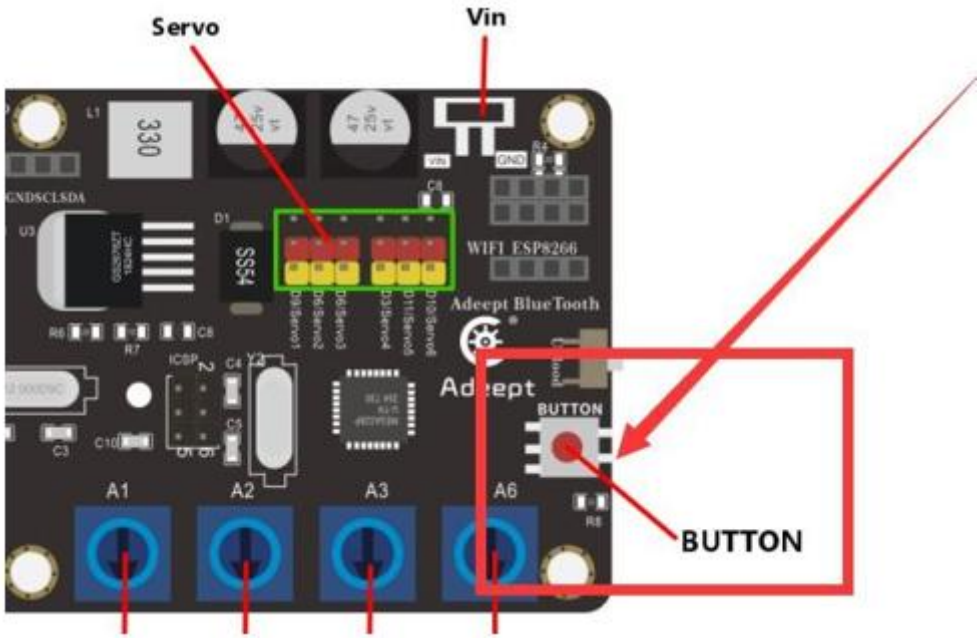
3.4 Click OK.





2.5 Run

Click the button  in the upper right corner, after successfully running the program, you can see the servo initializes a position. When you press the button, the bottom servo rotates 90 degrees and returns to its original position after 5 seconds.


Servo
Vin
WIFI ESP8266
Adeept BlueTooth
BUTTON
A1
A2
A3
A6
BUTTON