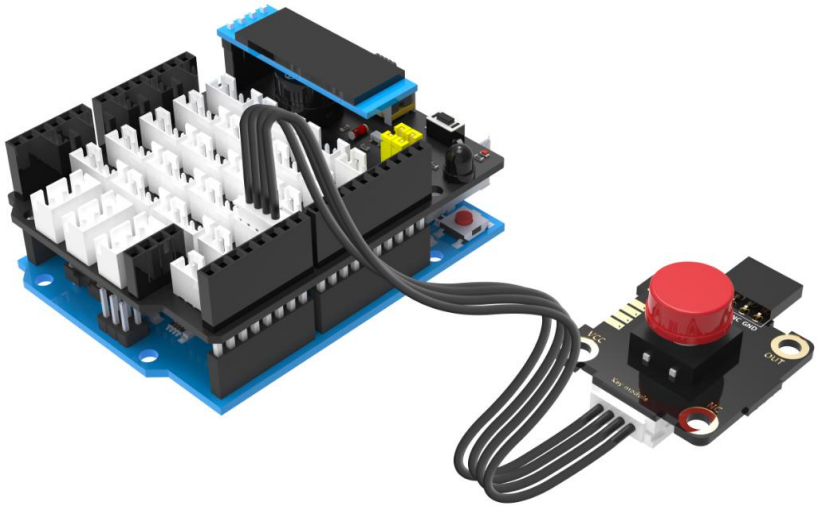
Experimental content: The doorbell rings after pressing the button

Experiment preparation: UNO board *1, Plugkit sensor expansion board *1, 4pin cable(PH2.0) *1, USB data cable *1, Red button module *1

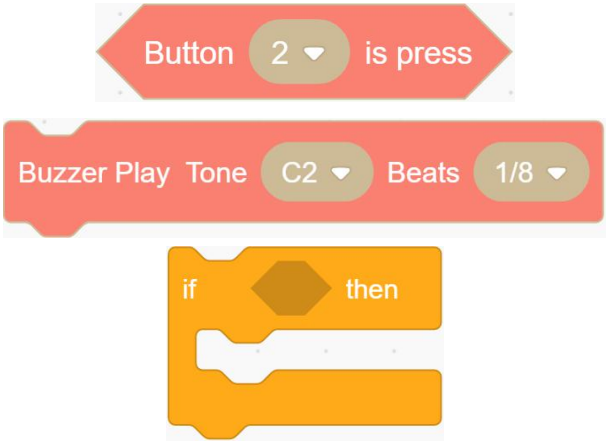
Experimental wiring:



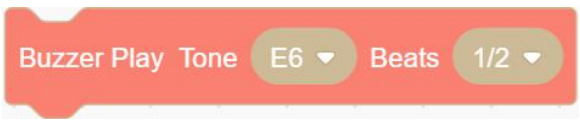
The red button module is connected to the Plugkit sensor expansion board with a silk screen (GND ~ 5, 4, 5V), and the OUT of the red button module is connected to the pin 4 of the expansion board.

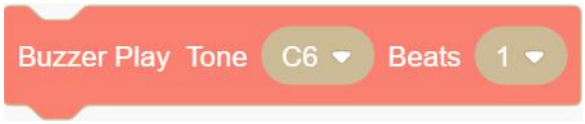
Experimental steps:

1. Select the following building blocks in the [Plugkit] and [Control].

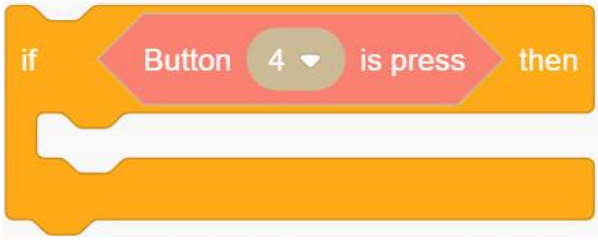


2. Set the buzzer module tone to "Ding Dong" sound

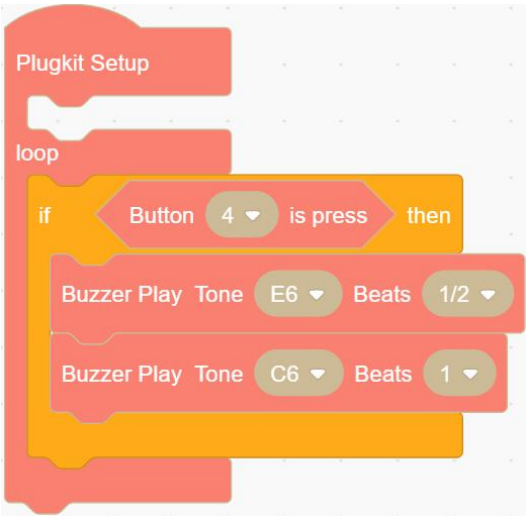




3. Select the diamond button block pin as 4 and put this block into the input of conditional blocks.



4. Add the two blocks in step 2 to the execution block of the conditional blocks in step 3, and then put the combined blocks into the loop.



4. Connect to the computer through the USB data cable, click 

the upper right part of helloblock to switch to the code mode, select the serial port number other than COM1

, click the upload symbol  in the upper right corner, wait patiently for a moment, and when the lower right corner appears “Done compiling. Done uploading” indicates the upload is successful. For details, please refer to the [About helloblock programming]---[6.Helloblock basic operation].

Experimental phenomena: When the red button is pressed, the buzzer will sound a "ding dong" doorbell.