The buzzer

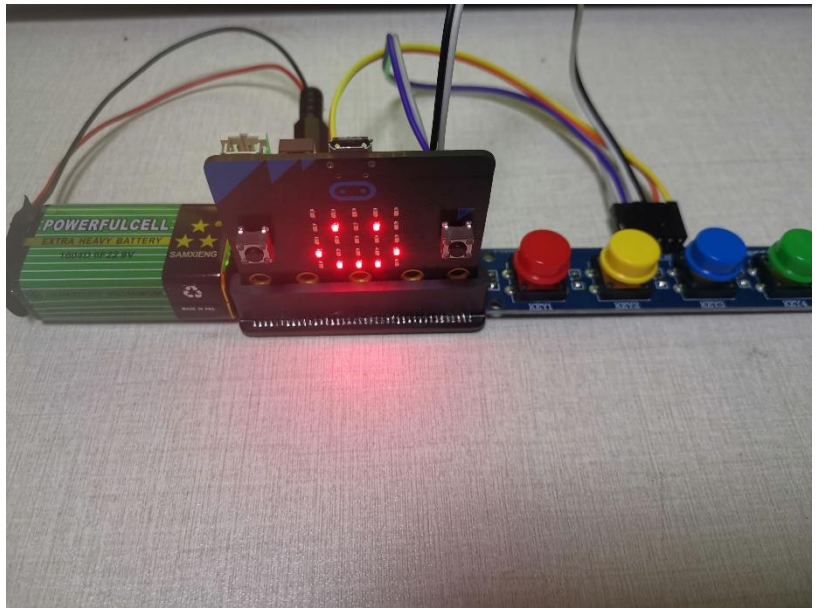
1、Achieve the goal

2、Preparation before class

3、Wiring

4、Block programming

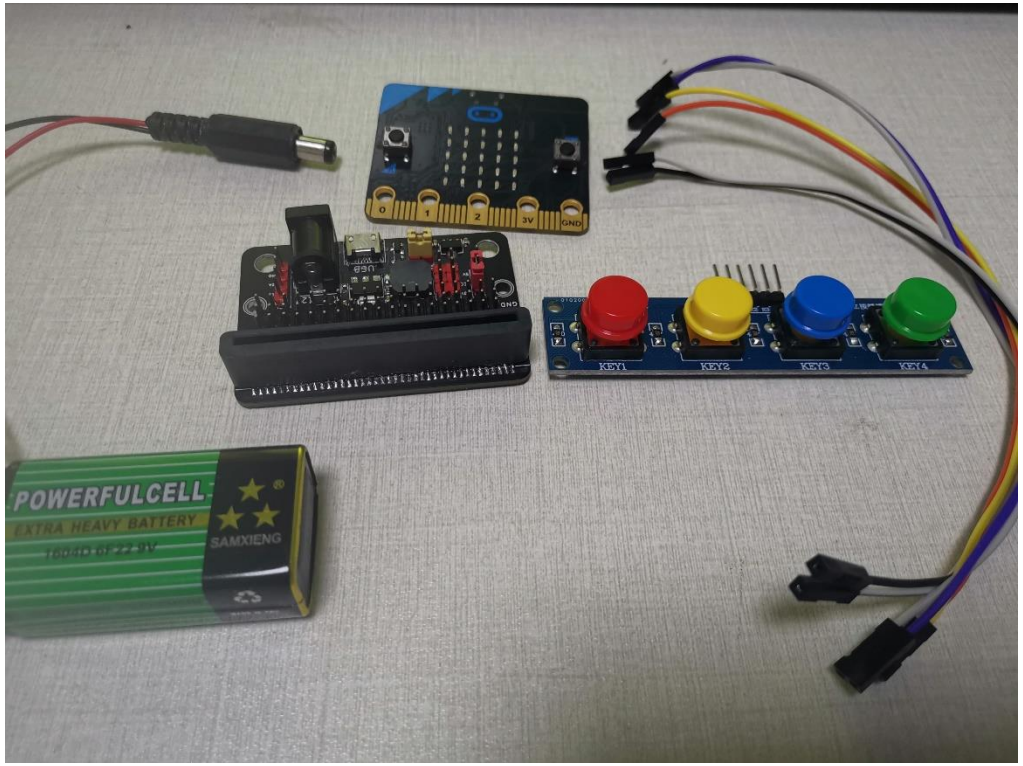
The buzzer



1、Achieve the goal

When the button is pressed, the screen will display the corresponding number, which represents the corresponding button. Every time the number is displayed on the screen, 2S will be maintained to prevent the second press from squeezing out the first one.

The buzzer



2、Preparation before clas

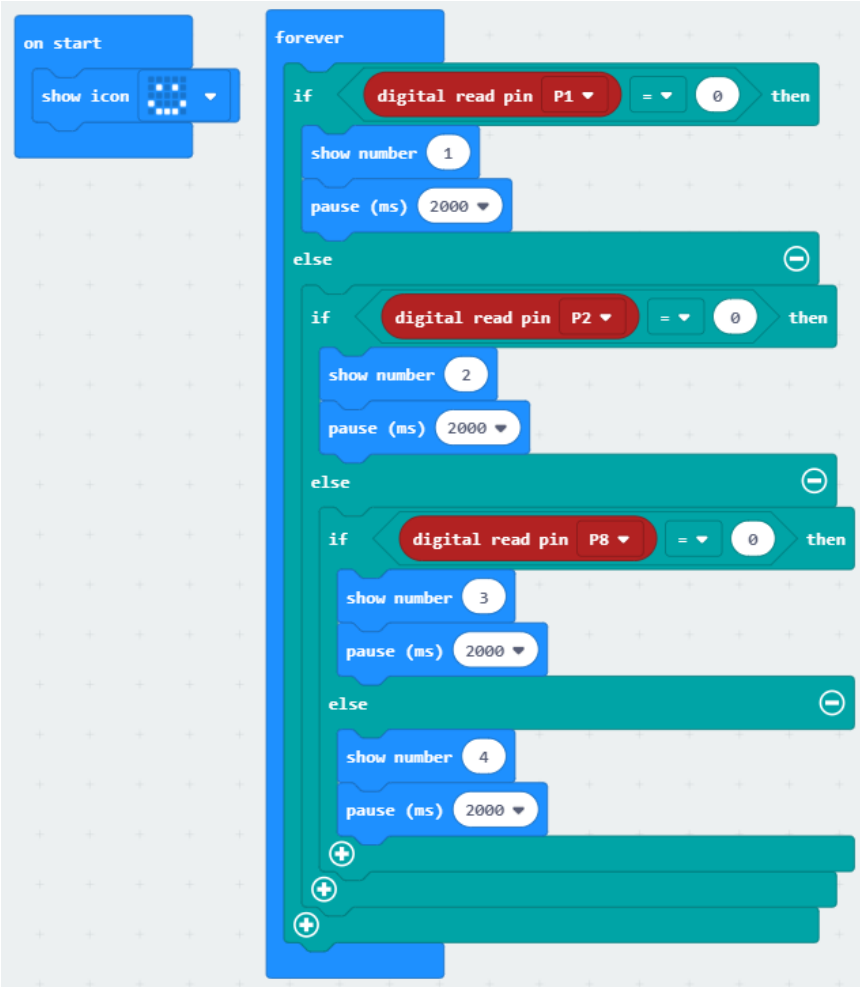
Prepare microbit motherboard, USB cable, battery, button module, dupont cable, expansion board.

The buzzer

3、Wiring

The OUT pins of the buttons are connected to the expansion board P1, P2, P8 and P12 respectively. The VCC pin of the button is connected to the red VCC pin of the extension board, and the GND pin of the button is connected to the black pin of the extension board

The buzzer

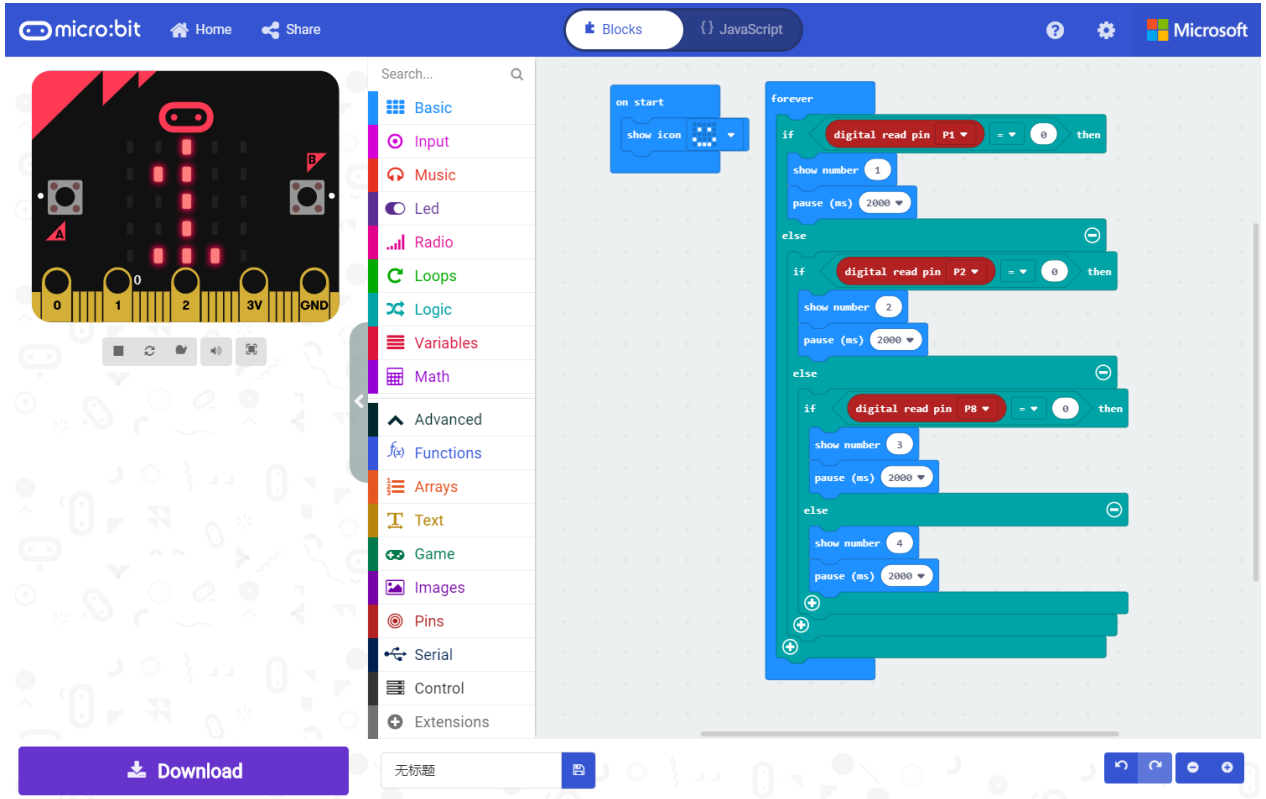


4、Block programming

1, when the boot, display a smiling face icon, and then start infinite loop

2. In the wireless loop, judge whether the button connected to pin P1 has been pressed or not. If the screen is pressed to display 1, otherwise judge whether P2 is pressed or not; if P3 is not pressed again, judge whether P4 is pressed again. 2S should be delayed for each display to prevent errors

The buzzer



5、Download experience

1. Click "download", download the program to the microbit, connect the circuit, and you can see the result of your programming