Buzzer sound at 1 second intervals

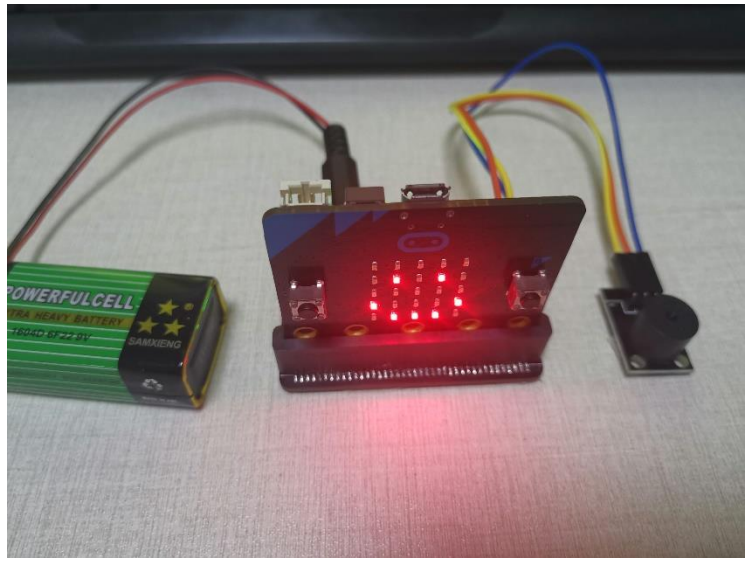
1、Achieve the goal

2、Preparation before class

3、Wiring

4、Block programming

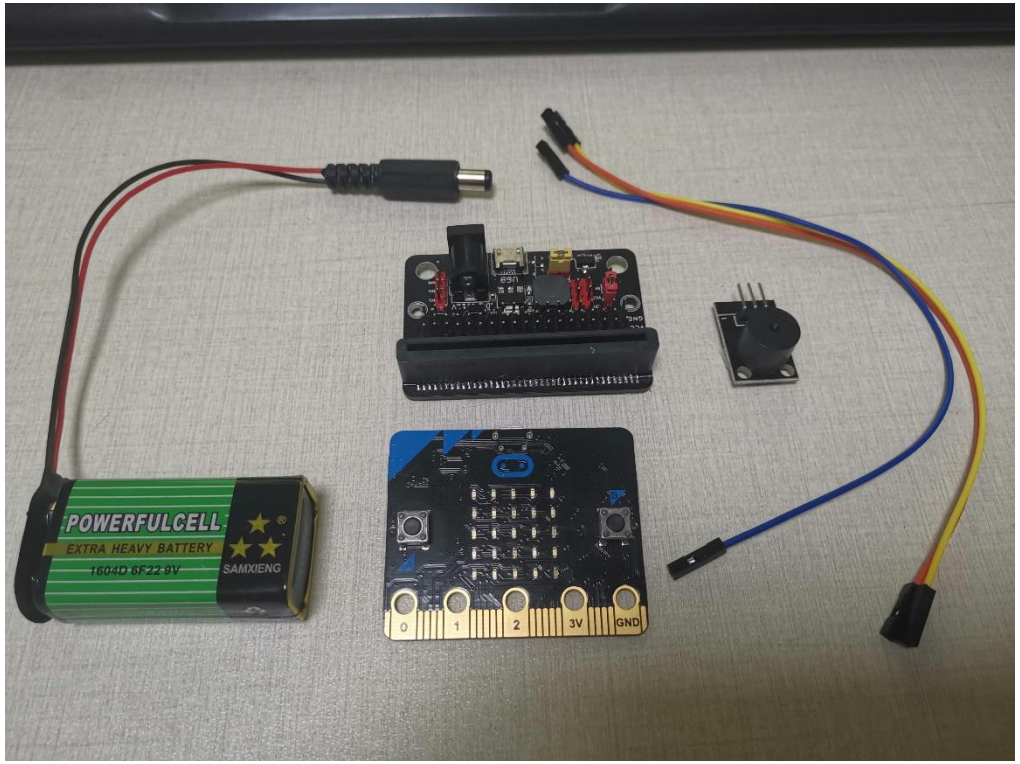
Buzzer sound at 1 second intervals



1、Achieve the goal

When the active buzzer module is connected to the microbit expansion board, the buzzer will produce a silent loop at an interval of 1S。

Buzzer sound at 1 second intervals



2、Preparation before class

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

Buzzer sound at 1 second intervals

3、Wiring

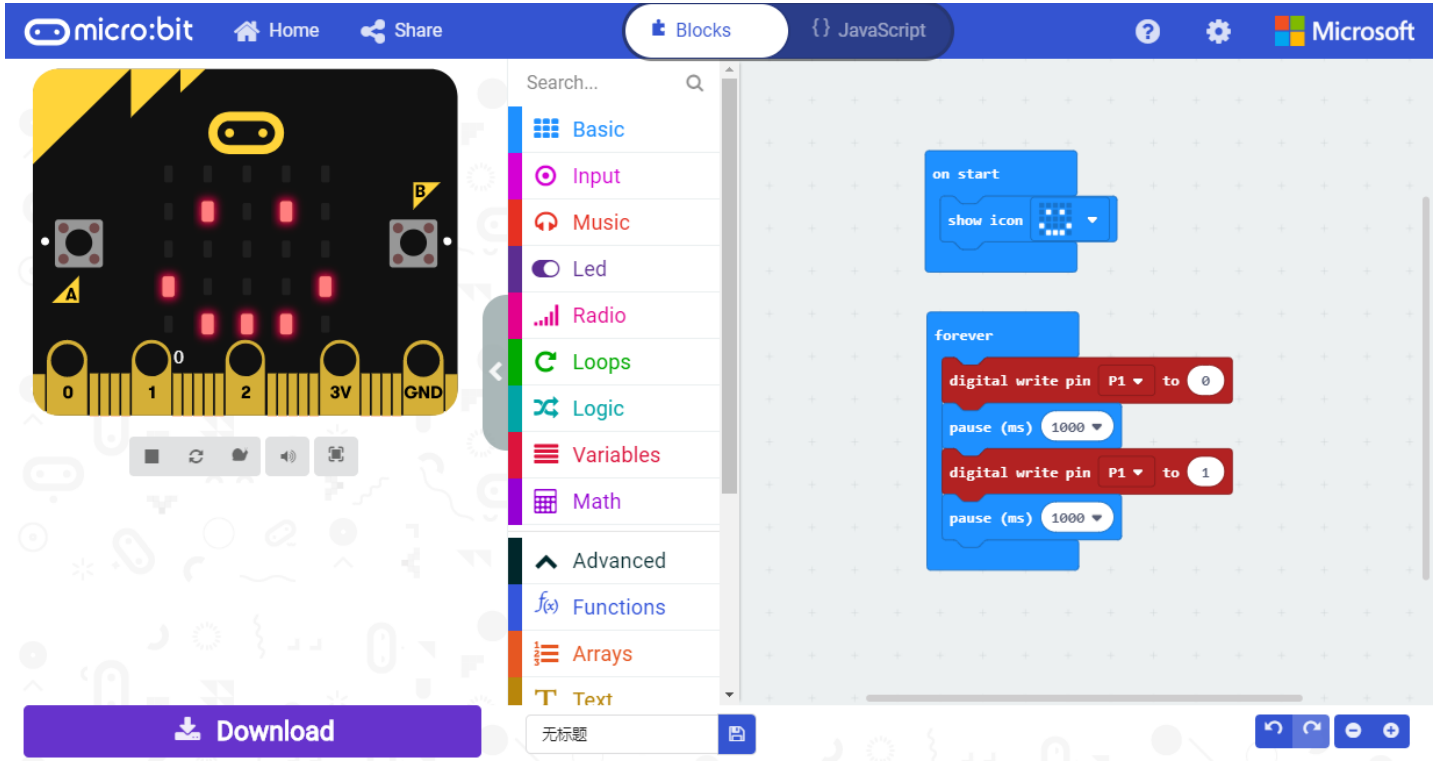
The S pin of the buzzer is connected to the P1 interface of the extension board, the -pin is connected to the GND of the extension board, and the + pin is connected to the VCC of the extension board

Buzzers sound at 1 second intervals

4、Block programming

1. When the it is turned on, the screen displays an icon of a smiley face and then enters an infinite loop
2. In an infinite loop, first write low level 0 to pin P1, make a sound, then delay for 1S, then write high level 1 to pin P1, delay for 1S, and so on

Buzzers sound at 1 second intervals



5、Download experience

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