Infrared control screen display
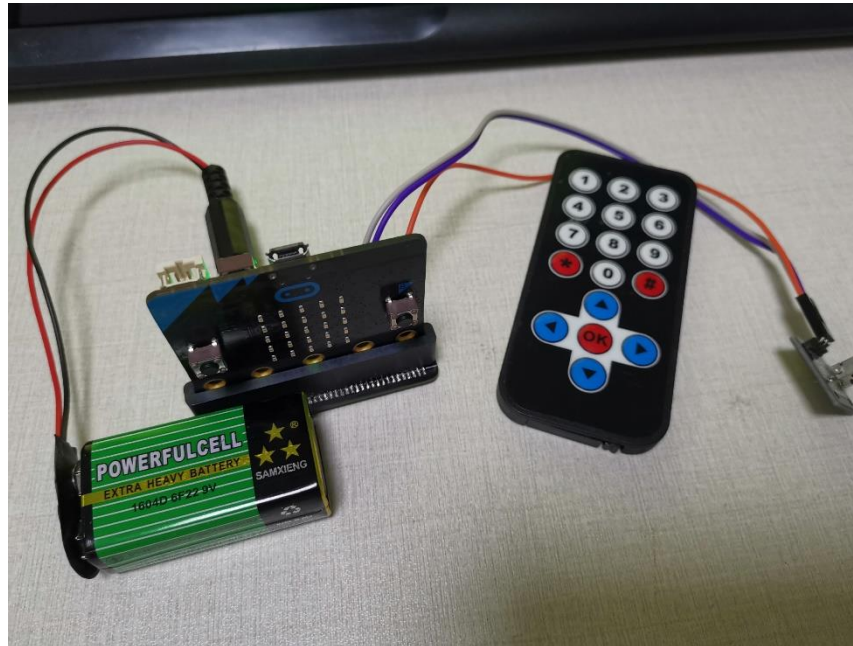
1、 Achieve the goal

2、 Preparation before class

3、 Wiring

4、 Block program

Infrared control screen display
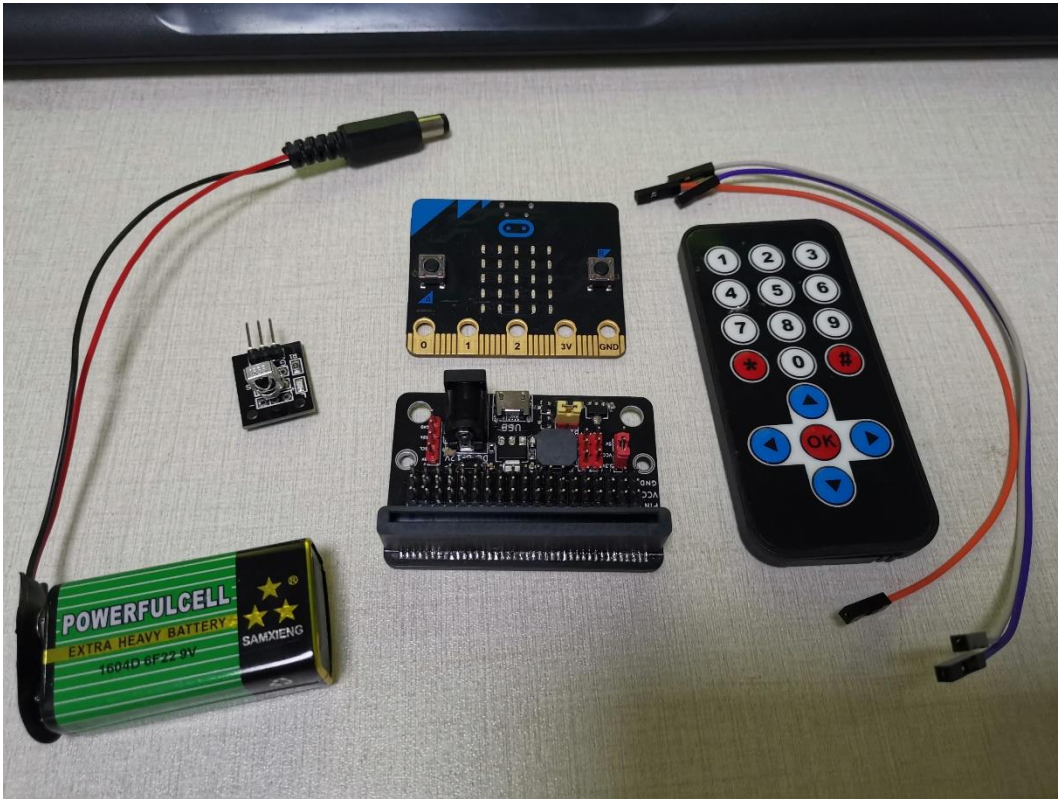

1、Achieve the goal

When the remote control button ↑, ↓, ←, → OK press, the extended version of the buzzer will play the corresponding music.

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2、 Preparation before class

Prepare microbit mainboard, USB cable, battery, infrared receiver module, infrared remote control, expansion board, dupont cable.
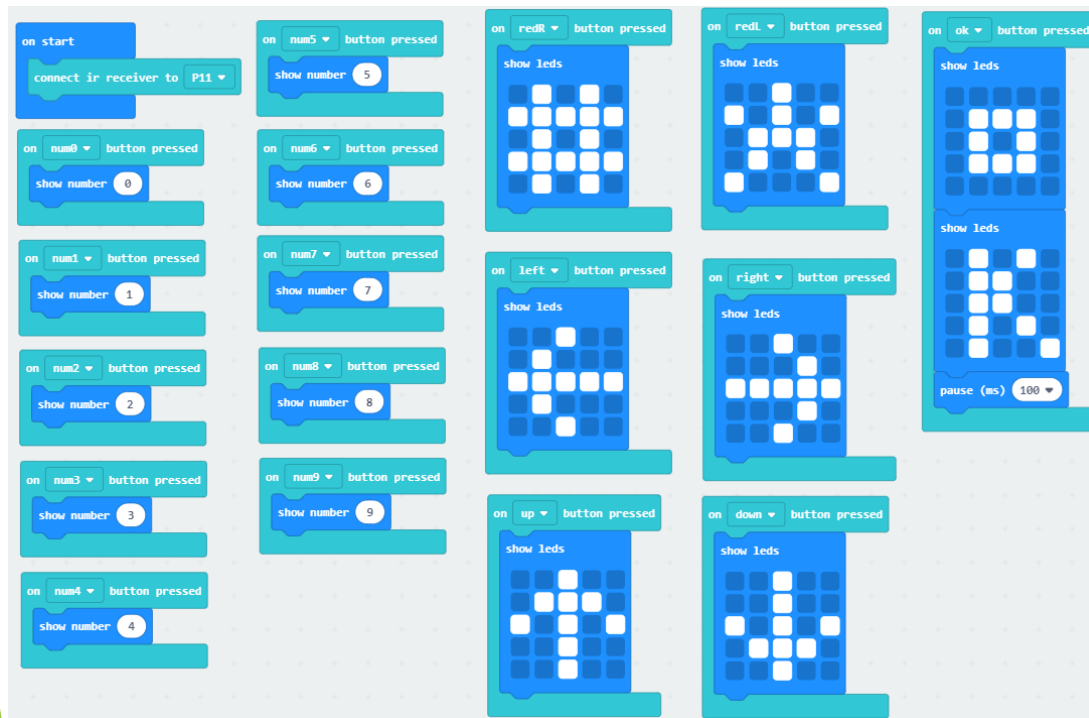
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3、Wiring

The G pin of the infrared receiver is connected to the GND of the extension plate, the R pin is connected to the VCC of the extension plate, and the Y pin is connected to the P11 pin of the extension plate
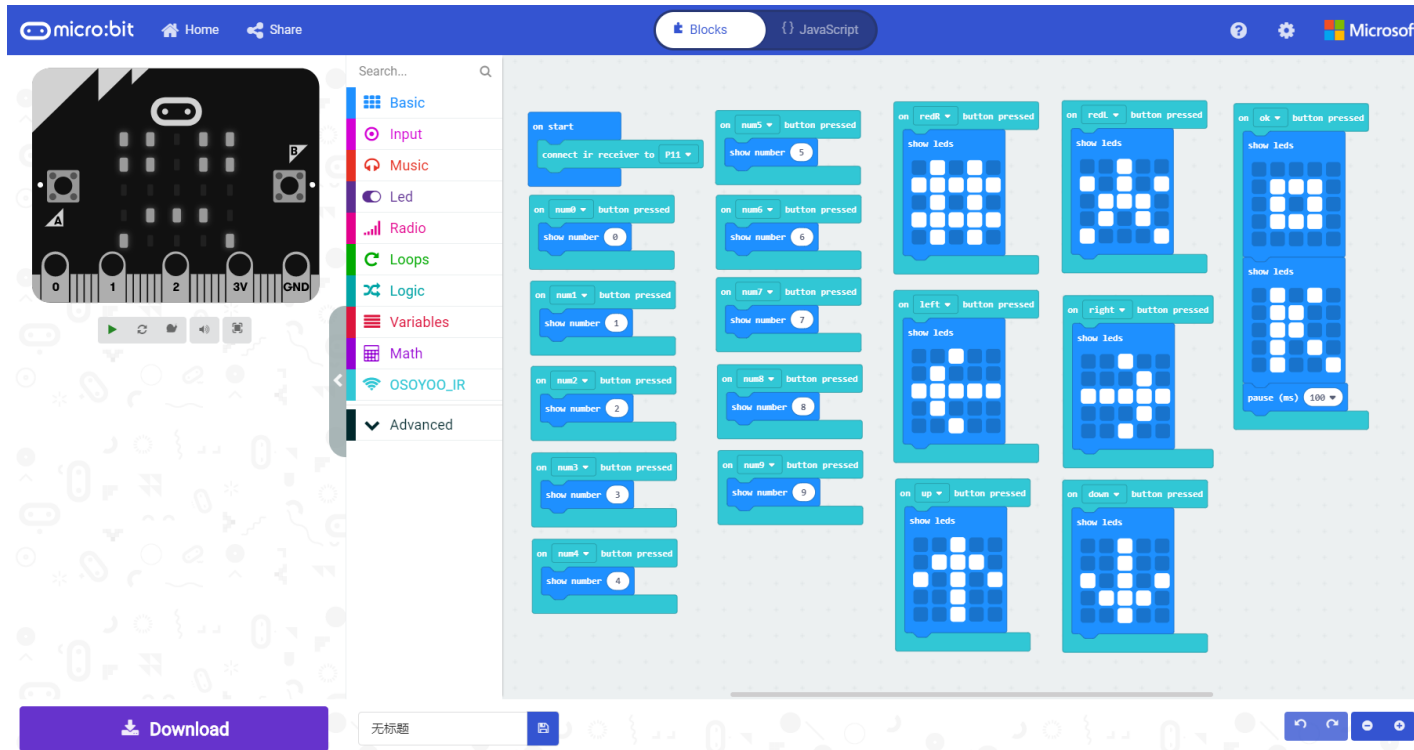
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1. When starting up, initialize the infrared receiver head and select the corresponding pin

2. When the button OK is pressed, the screen displays OK; When key 1 is pressed, the screen displays 1; When key 2 is pressed, the screen displays 2...... , press different keys to display corresponding keys on the screen

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5、Download experience

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