The microbit screen displays light intensity

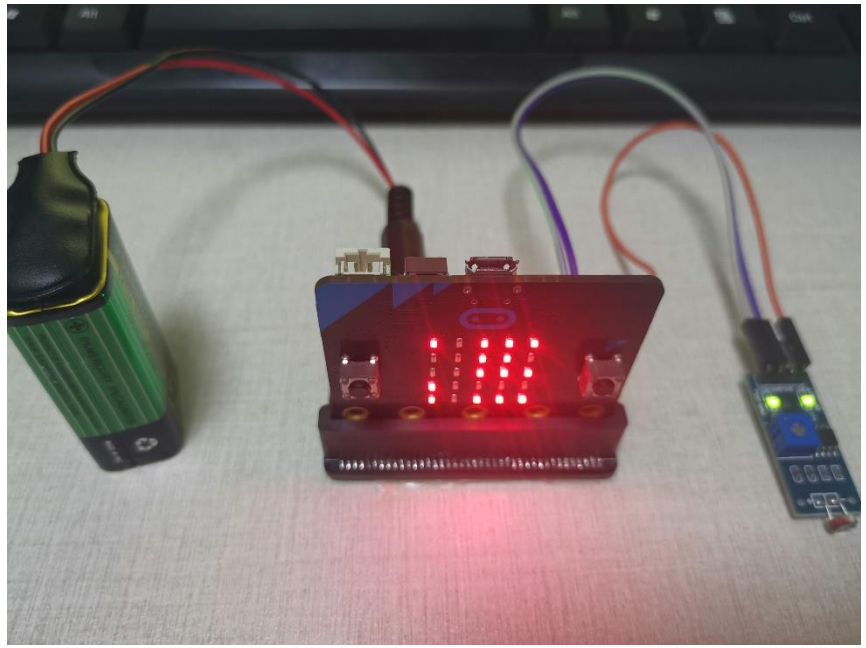
1、Achieve the goal

2、Preparation before class

3、Wiring

4、Block programming

The microbit screen displays light intensity



1、Achieve the gal

When the microbit reads the analog value of the photosensitive sensor and displays it on the screen

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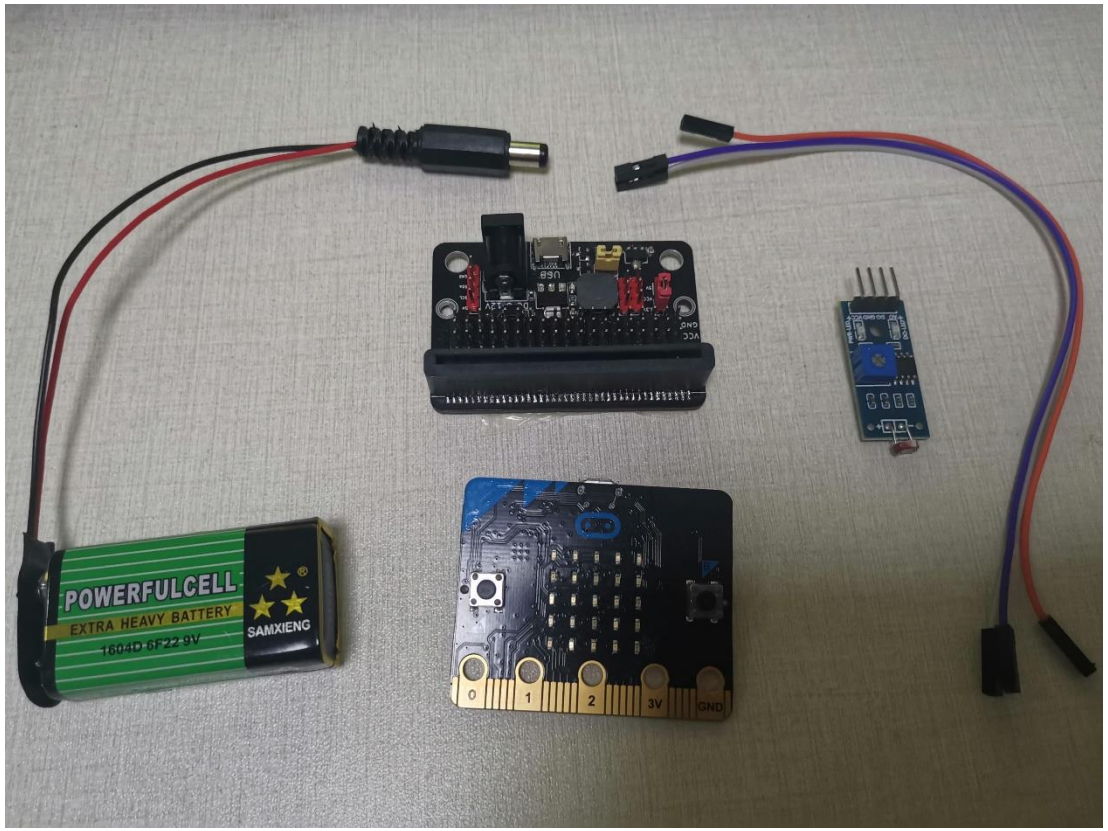

2、Preparation before class

Prepare microbit mainboard, USB cable, battery, photosensitive sensor module, expansion board, dupont cable.

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3、Wiring

The AO pin of the sensor is connected to the P1 pin of the extension plate, VCC is connected to the VCC pin of the extension plate, and GND is connected to the GND pin of the extension plate

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4、Block programming

1. When it is turned on, the microbit screen displays a smiley face and then enters an infinite loop
2. Display the analog value of the light-sensitive sensor connected to P1 pin in the infinite loop

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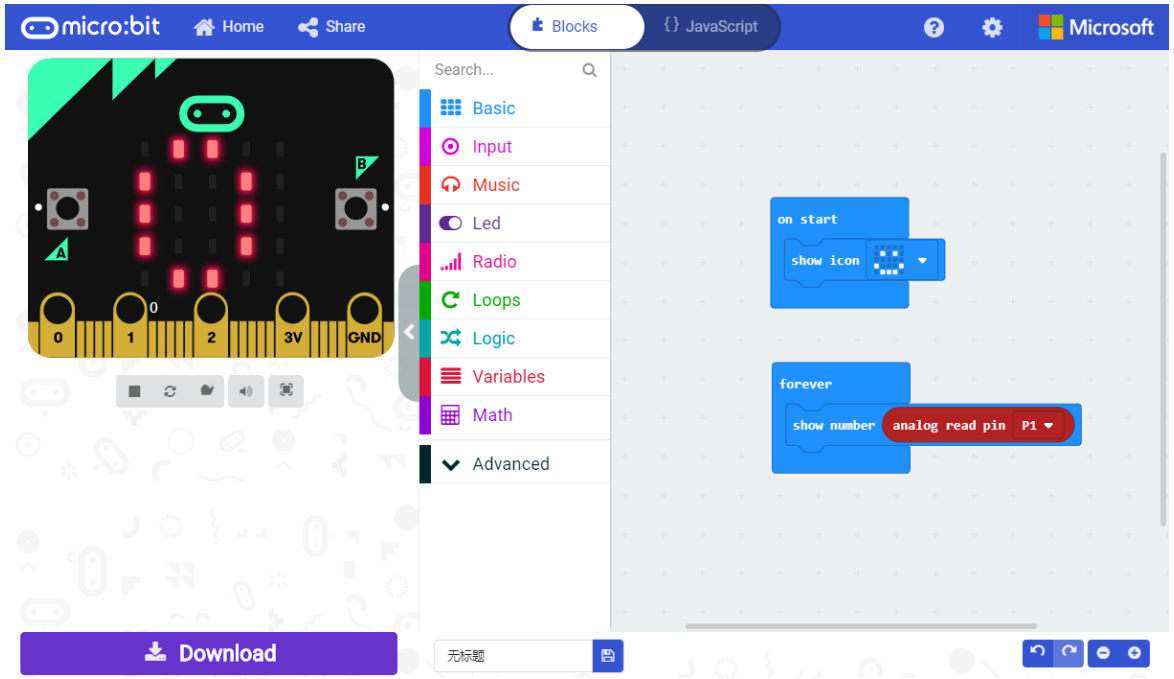

5、Download exerience

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