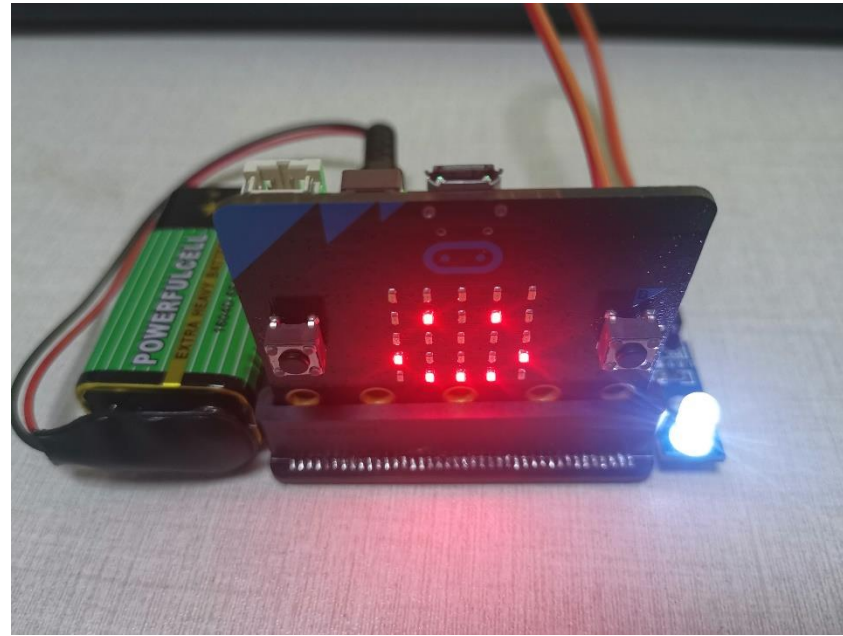


Microbit control LED light module flash

- 1、Achieve the goal
- 2、Preparation before class
- 3、Wiring
- 4、Block programming

Microbit control LED light module flash



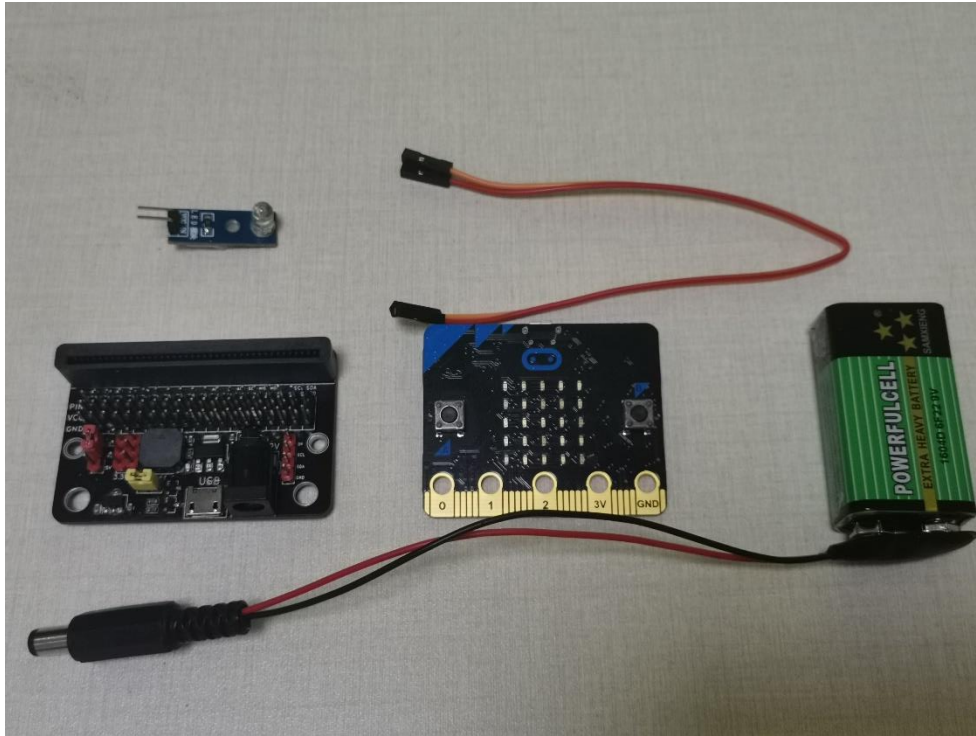
1、Achieve the goal

When the LED lamp module is connected to the microbit expansion board, the LED lights will turn on and off at an interval of 1S and flash in a cycle.

Microbit control LED light module flash

2、Preparation before class

Prepare a microbit motherboard, a USB cable, a battery, LED lamp module, dupont cable, and expansion board



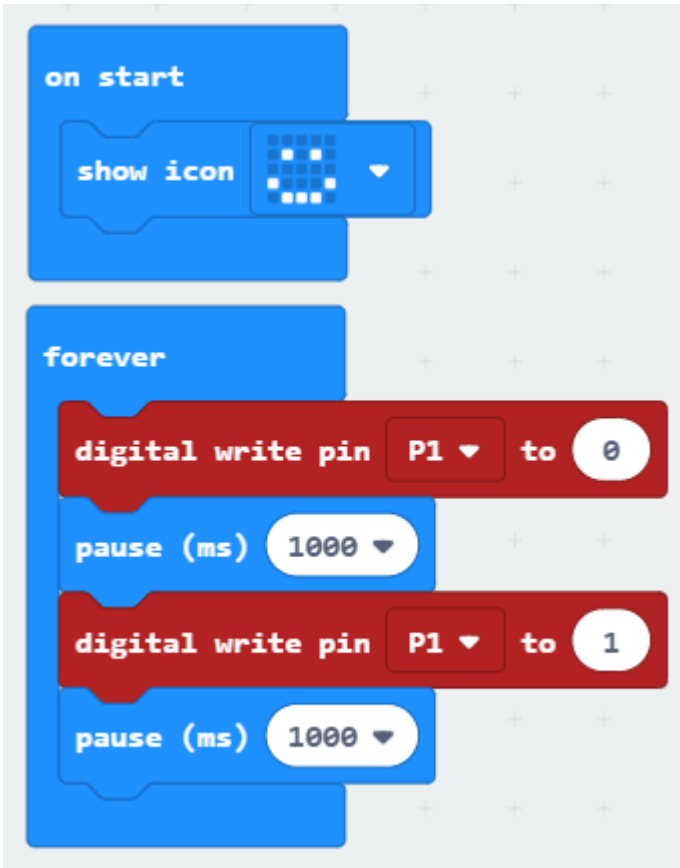
Microbit control LED light module flash

3、Wiring

The extension board blue PIN1 pin is connected to the IN pin of the LED lamp module; The red VCC pins of the extension board are connected to the LED module VCC

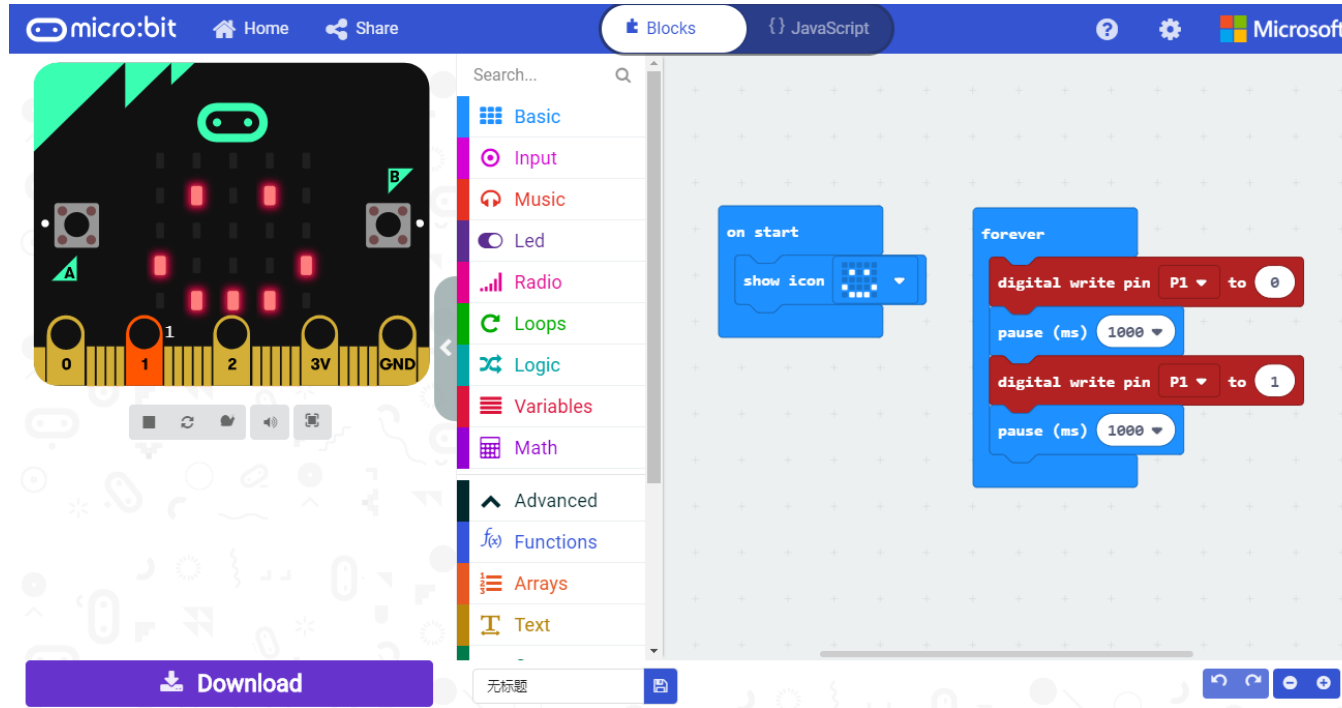
Microbit control LED light module flash

4、Block programming



1. When the machine is turned on, microbit displays an icon of a smiley face and then enters an infinite loop
2. Enter the wireless loop, first set the level connected to pin P1 to low level '0', the light is on, then delay for 1S, set the pin level to high level '1', the light is off, and so on.

Microbit control LED light module flash



5、Download experience

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