ywish
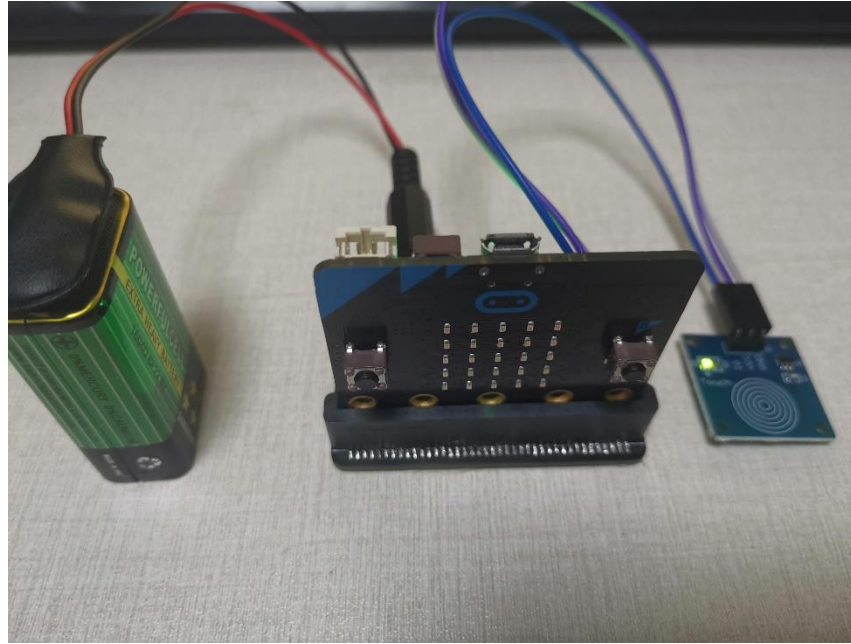
1、 Achieve the goal

2、 Preparation before class

3、 Wiring

4、 Block programming
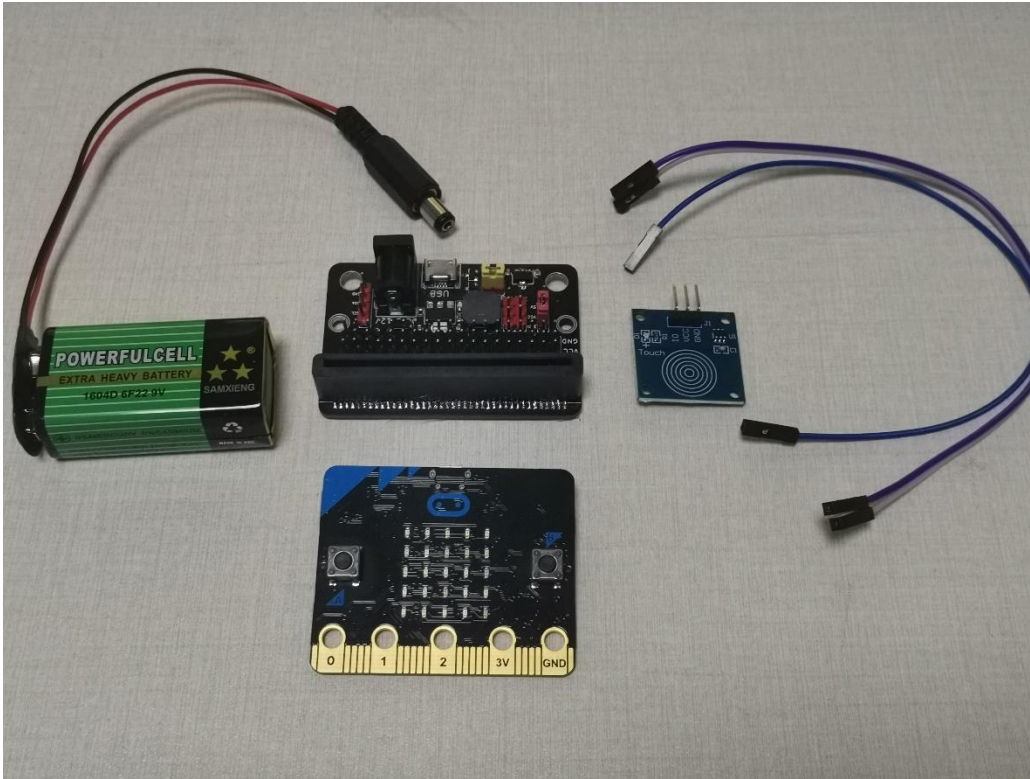
Control screen on and off

1、Achieve goal

When the touch switch module is connected to the microbit extension board, if the finger touches the switch, the microbit screen will light up; when the finger does not touch, the screen will go off

2、 preparation before class

Prepare microbit motherboard, USB cable, battery, touch switch module, expansion board, dupont cable.
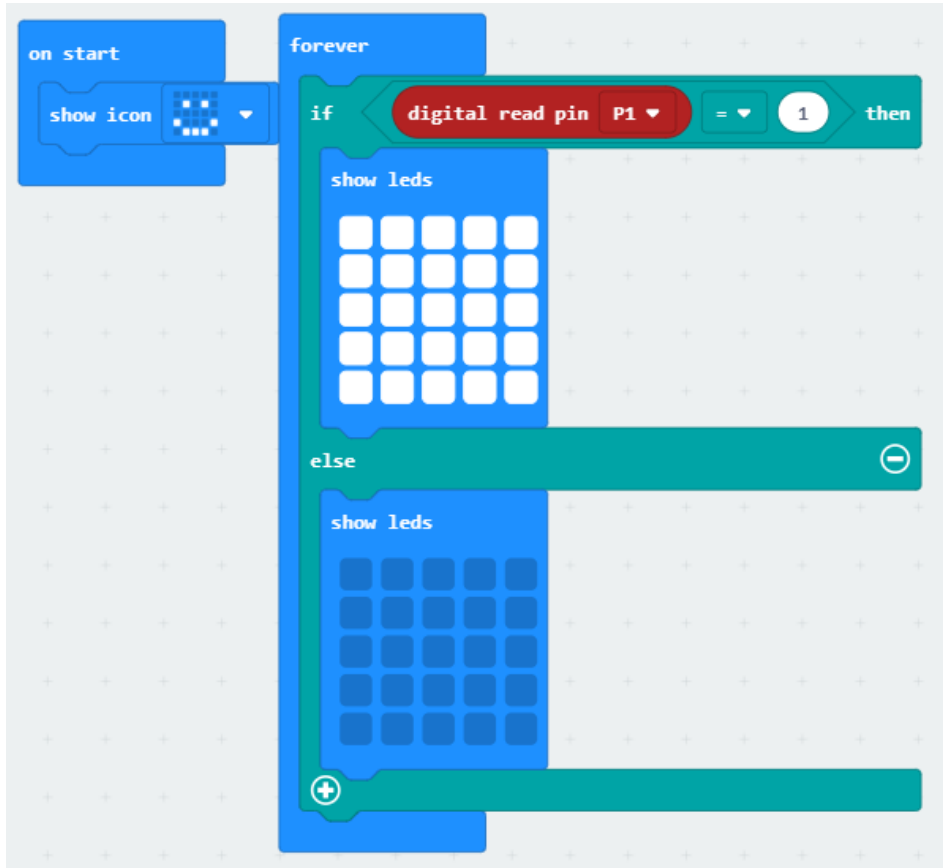
3、preparation before class

The VCC pins of the touch switch module are connected to the extension board VCC, GND to GND, and IO to P1 of the extension board via dupont wire
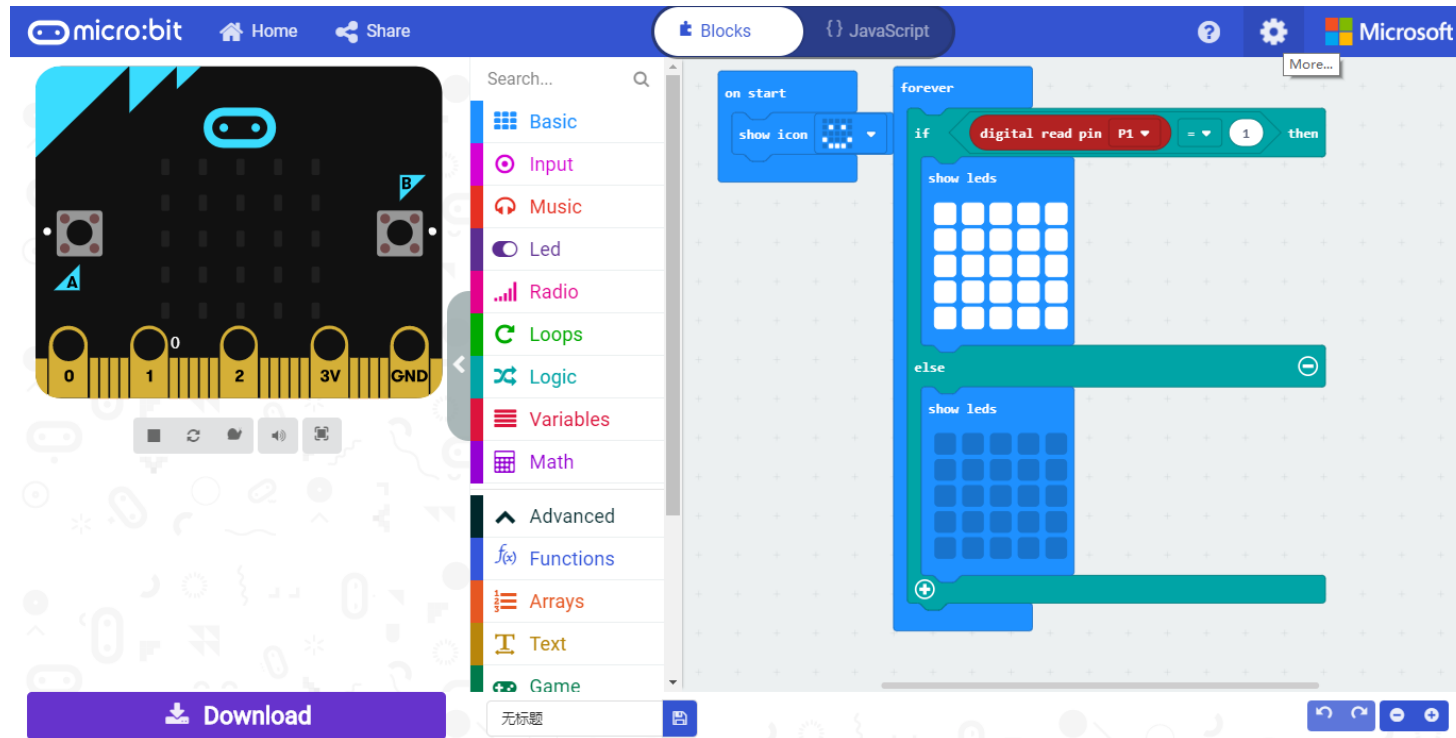
Control screen on and off

4、Block programming

1. When it is turned on, the microbit screen displays a happy expression and then enters the wireless loop

2. In the infinite loop, judge whether the touch switch connected to P1 pin has been touched. If it is touched, all LED lights on the microbit screen will be turned on; otherwise, all lights will be off

Control screen on and off

5、 Download experience

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