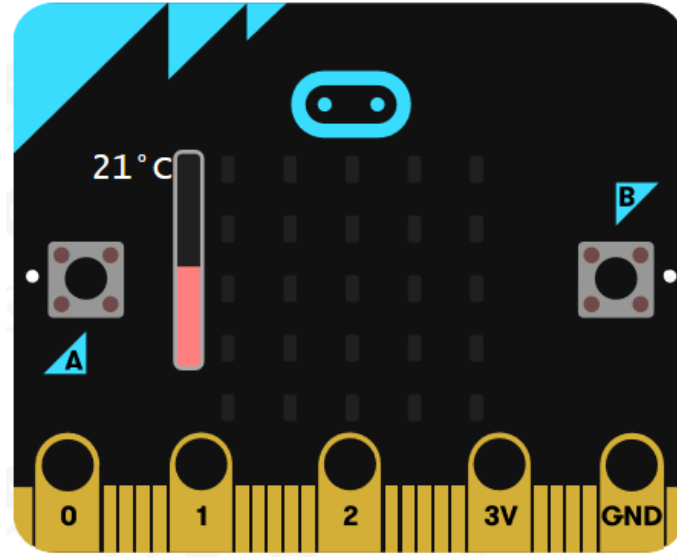


- 1、 Achieve the goal
- 2、 Preparation before class
- 3、 Block programming

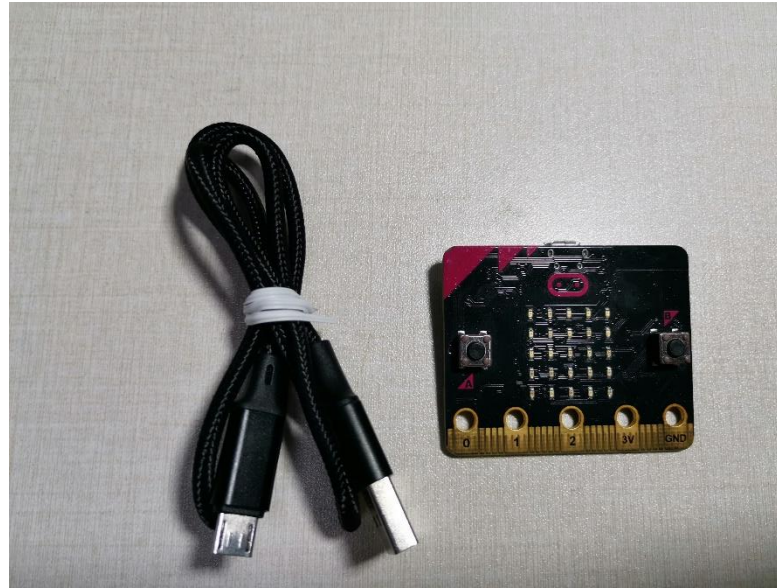
Section 9. Microbit thermometer



1、Achieve the goal

If only microbit could measure temperature like a thermometer!! In this lesson, we will learn how to measure temperature with microbit.

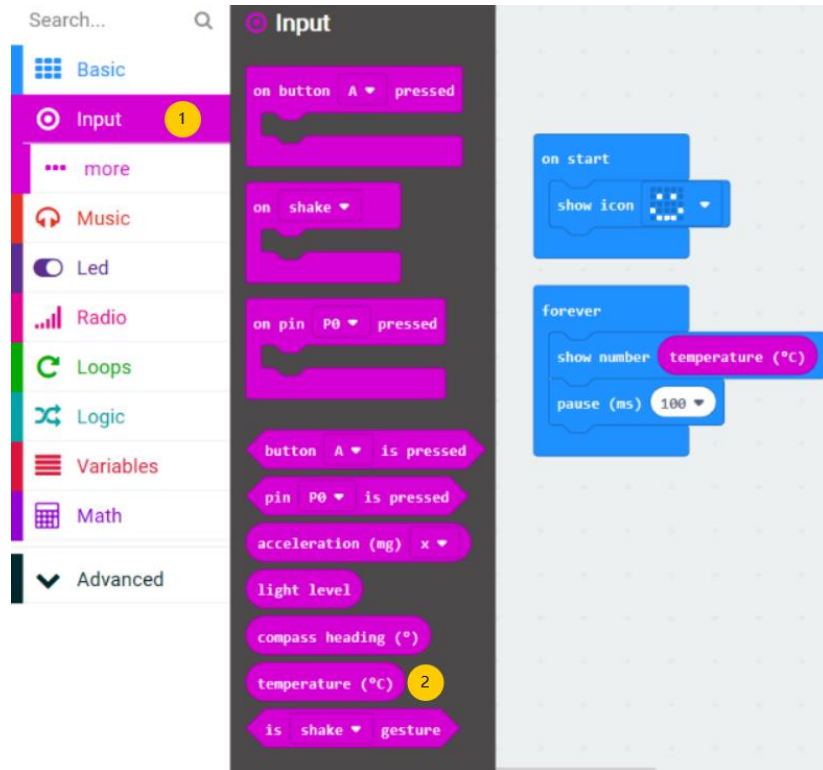
Section 9. Microbit thermometer



2、Preparation before class

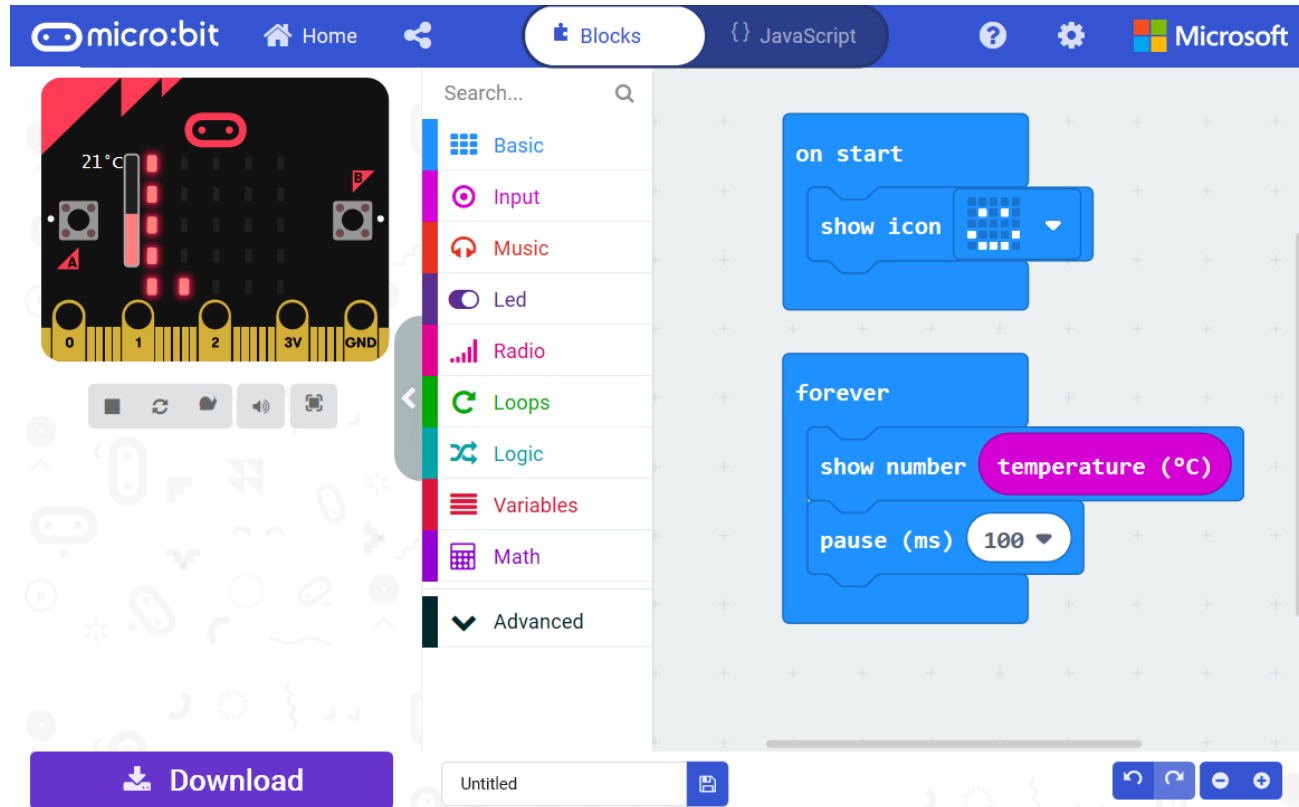
prepare a microbit motherboard, a USB cable,
and a computer

3. Block programming



1. In the input block pack, the program block labeled 2 can return an integer representing the temperature
2. Display a smiley face when starting up. In the infinite loop, set the pause time to make the two displays have time interval and easy to distinguish.

Section 9. Microbit thermometer



Download
experience

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



Section 9. Microbit thermometer

Did your
program
work???

There is no
temperature
sensor in
microbit, so
how does it
detect
temperature??
Do you know ?