

1.Heart beat

1. Learning goals

In this lesson, we will learn to use micro:bit to realize dot matrix flashing display of large and small heart patterns.

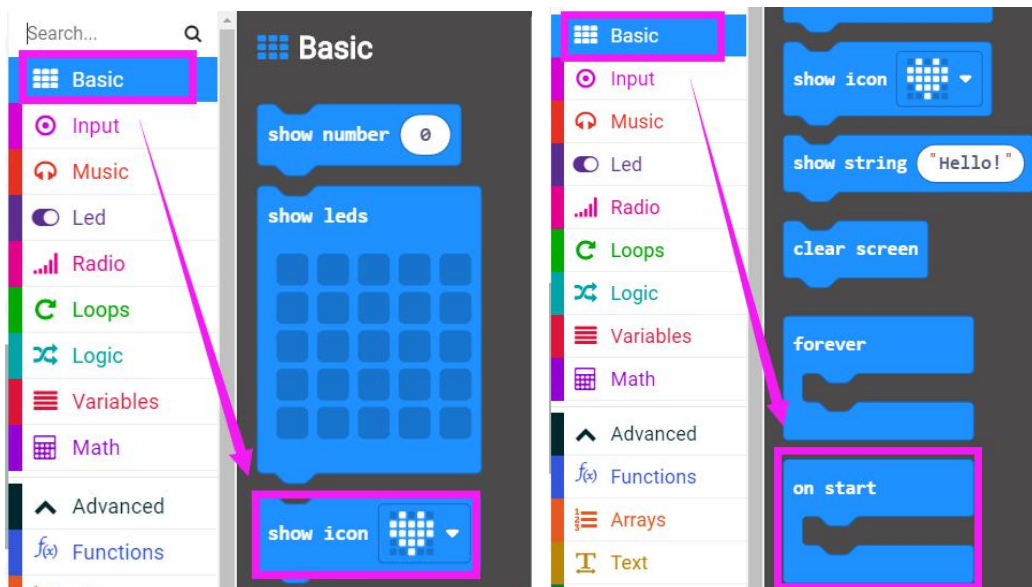
2. Programming method

Mode 1 online programming: First, we need to connect the micro:bit to the computer by USB cable. The computer will pop up a USB flash drive and click on the URL in the USB flash drive: <http://microbit.org/> to enter the programming interface to program.

Mode 2 offline programming: We need to open the offline programming software. After the installation is complete, enter the programming interface, click 【New Project】 , you can program.

3. Looking for blocks

The following is the location of the building blocks required for this programming.



4. Combine block

The summary program is shown below.



5. Experimental phenomena

After the program is successfully downloaded, the micro: bit dot matrix will display big heart and small heart pattern.