

## Building\_block\_motor

### 1. Learning goal

In this course, we mainly learn the building block motor and learn how to use the Super:Bit building block to control the rotation of the building block motor.

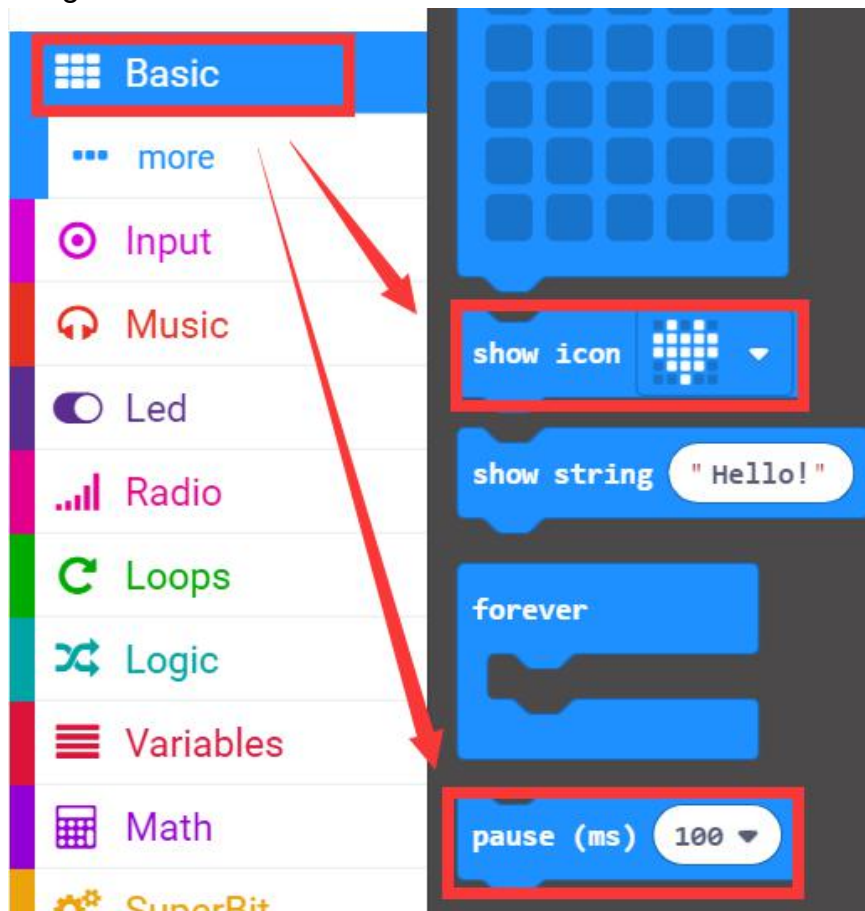
### 2. Programming method:

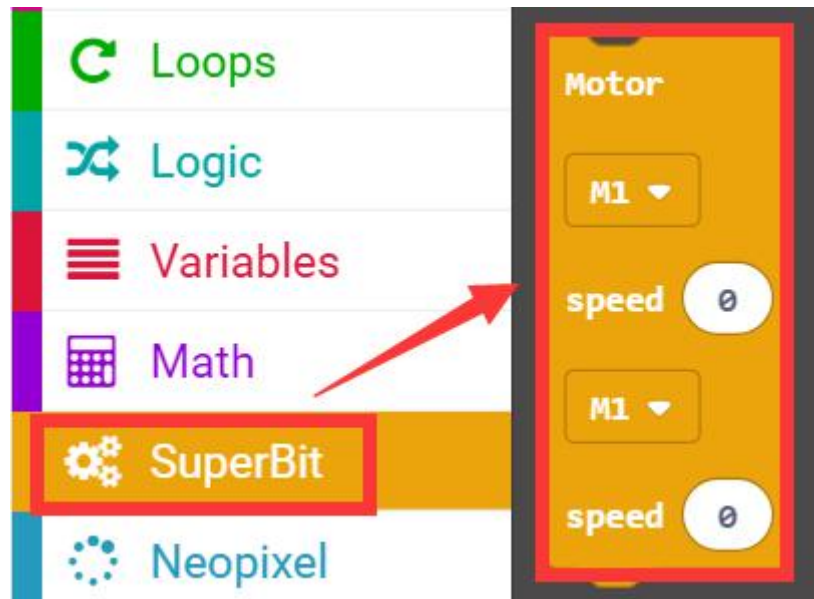
**Mode 1 online programming:** First, we need to connect the micro:bit to the computer by USB cable. The computer will pop up a USB flash drive and click on the URL in the USB flash drive: <http://microbit.org/> to enter the programming interface. Add the Yahboom package <https://github.com/lzty634158/SuperBit> 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】**, add Yahboom package: <https://github.com/lzty634158/SuperBit>, you can program.

### 3. Looking for blocks

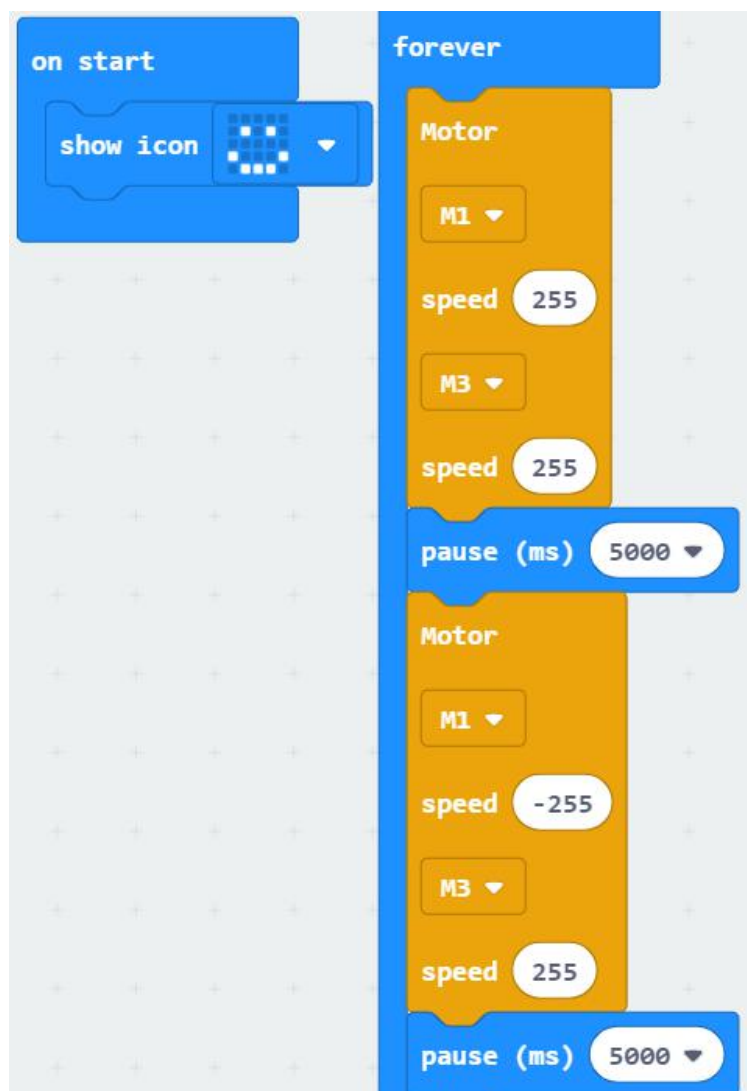
The following is the location of the building blocks required for this programming.

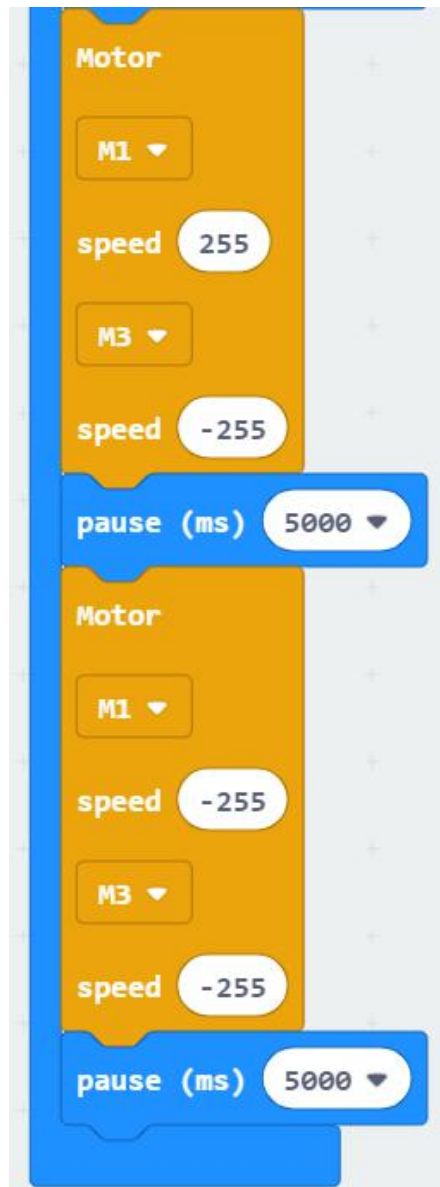




#### 4.Combine building block

The summary program is shown below:





## 6. Experimental phenomena

After the program is successfully downloaded, the micro:bit dot matrix is not display; M1 and M2 are rotating forward for 5 seconds; M1 is reversed, M2 is rotating forward for 5 seconds; M1 is is rotating forward, M2 is reversed,for 5 seconds; M1 and M2 is reversed for 5 seconds.