

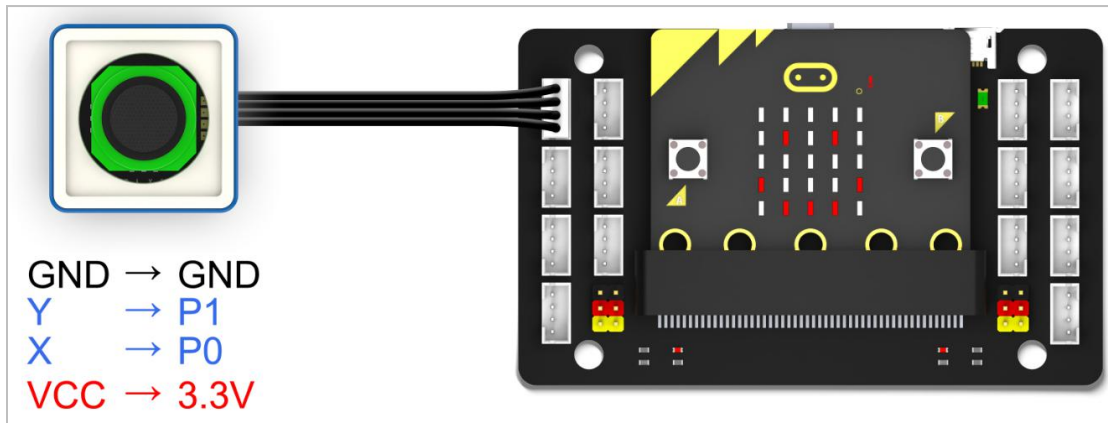
Control rocker

1. Learning target

In this course, we will learn how to use Micro:bit and rocker module to achieve read the status of the joystick.

2. Preparation

Connect the module to Micro:bit board by expansion board, as shown below.



3. Programming method

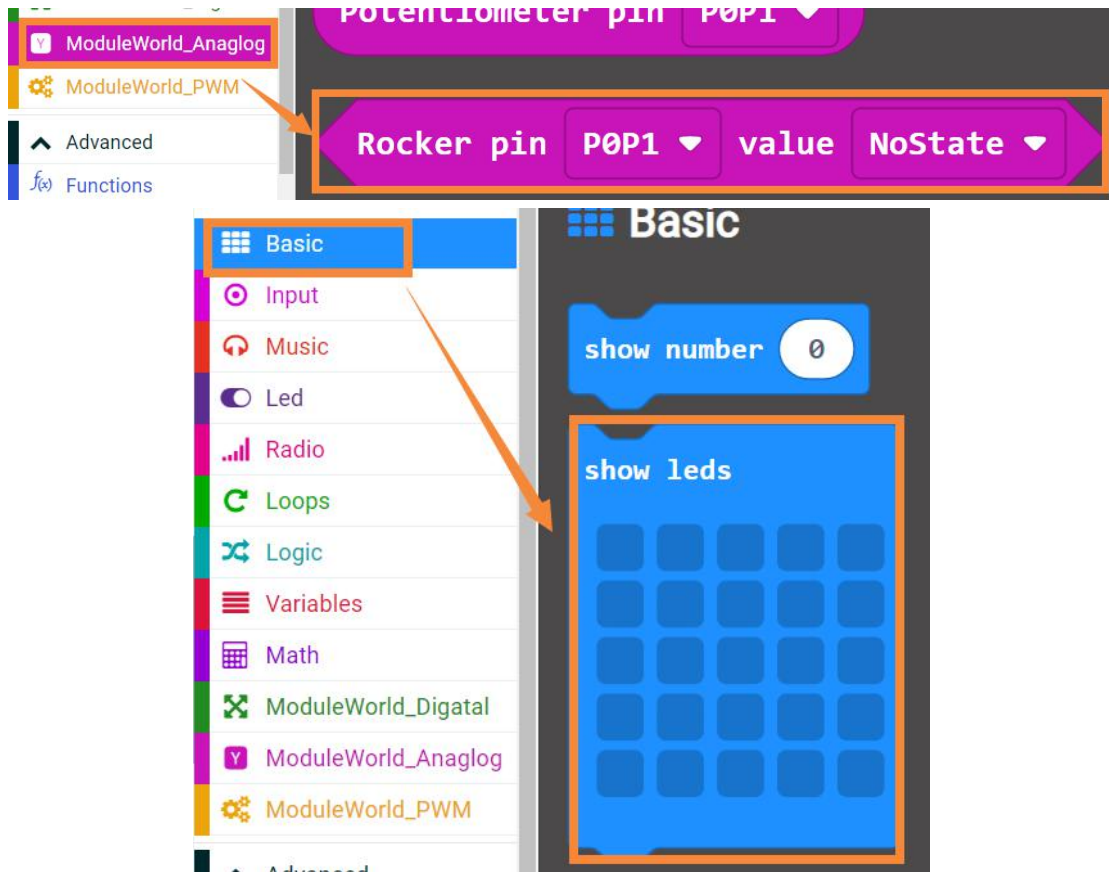
Mode 1 online programming: First, we need to connect the micro:bit to the computer by USB cable. The computer will pop up a USB flash drive and click on the URL in the USB flash drive: <http://microbit.org/> to enter the programming interface. Add the Yahboom package <https://github.com/YahboomTechnology/Module-World>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

4. Looking for blocks

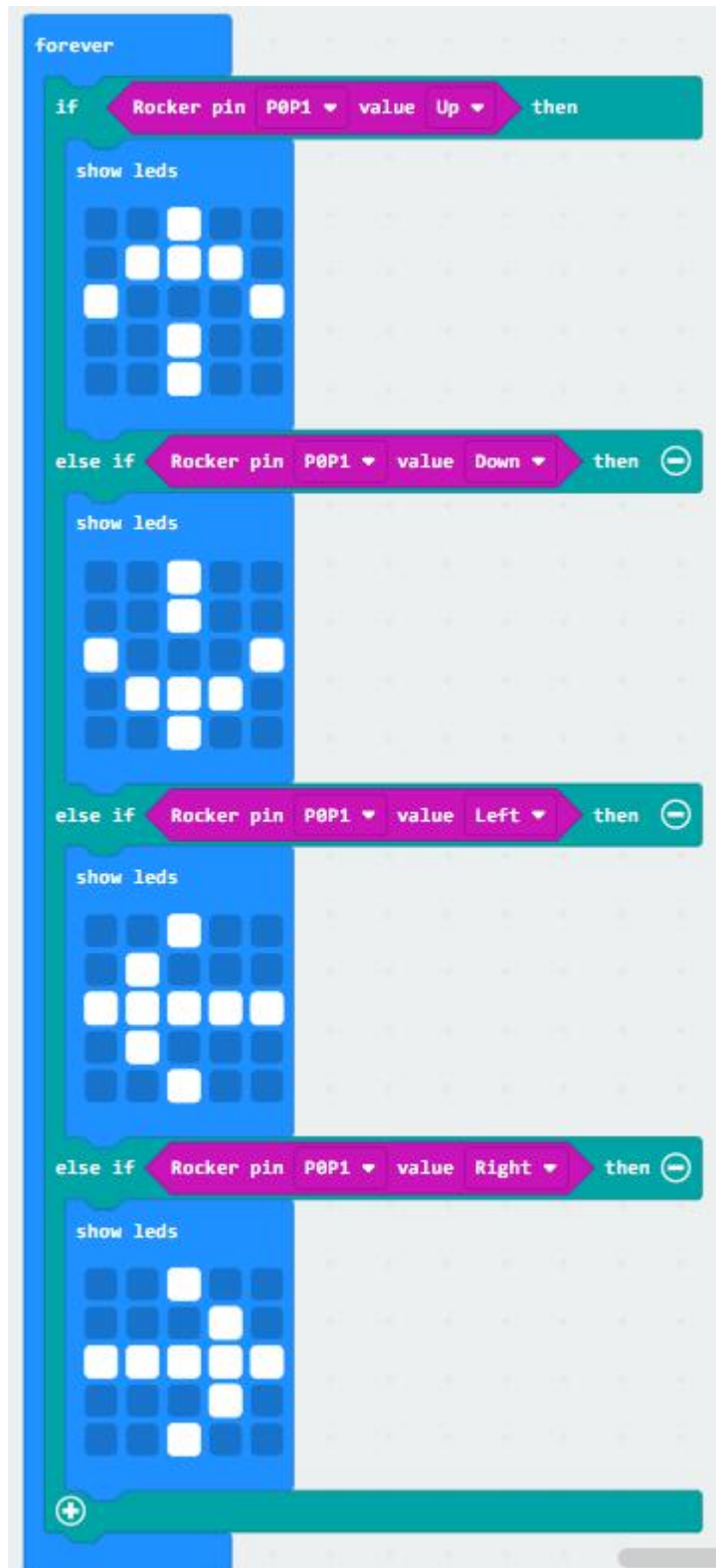
The following is the location of the building blocks required for this programming.





5.Combine block

The summary program is shown below.



5. Phenomenon

After the program is downloaded successfully. When we push the joystick in four directions, the Micro:bit dot matrix displays arrow patterns in different directions.