

4.2 Play Merry Christmas with lights

Play-Merry-Christmas-with-lights.hex

http://www.yahboom.net/xiazai/Tiny_bit/4.Singing%20with%20Tiny%20bit/Play-Merry-Christmas-with-lights.hex

1.Preparation

1-1.The position of the buzzer on the robot car

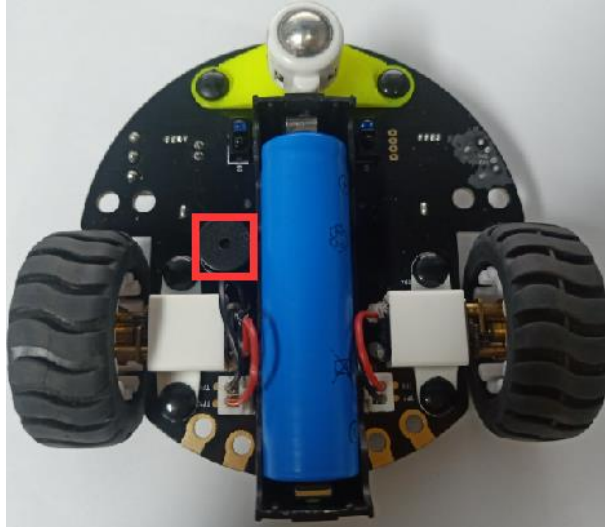
1-2..Learn some basic music knowledge

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/Tiny-bit> 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/Tiny-bit>, you can program.

In the picture shown below, the black cylinder circled by the red wire frame is the buzzer on the Tiny-bit.



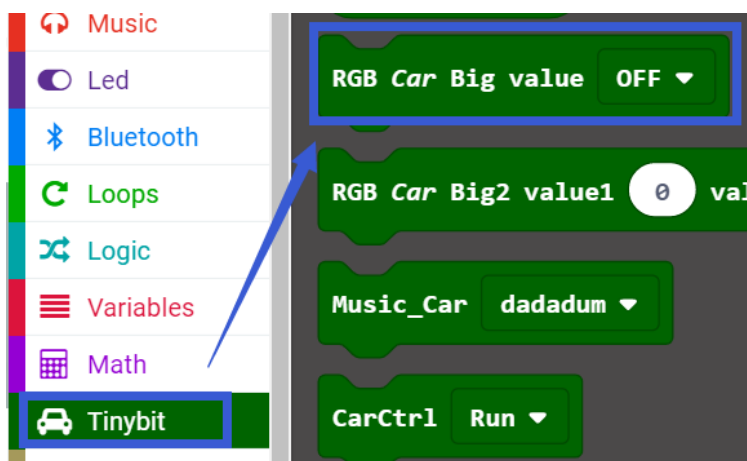
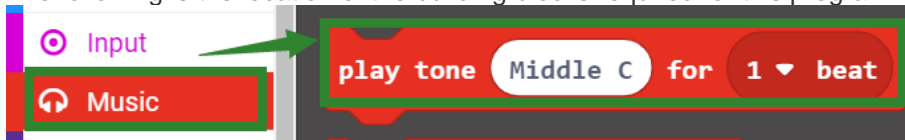
2.Learning goal

2-1.Learn how to use buzzer graphically program building blocks

2-2.In this lesson, we will play music 《Merry Christmas》 with colorful lights.

3.Search for block

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



4.Combine block

About the summary program. Please refer to the [microbit-Merry-Christmas.hex](#) file.

5.Experimental phenomena

After the program is downloaded, robot car will play 《Merry Christmas》 with lights.