Play music

Learning goals

In this lesson, we mainly learn how to play music by micro:bit and Super:bit expansion board and display a music pattern on dot matrix.

Code：

```
from microbit import *
import music
display.show(Image.MUSIC_QUAVER)
music.play(music. BIRTHDAY)
```

Import music, The meaning here is to import the music library function and call the built-in music.BIRTHDAY melody from the library, here is a complete list of melody:
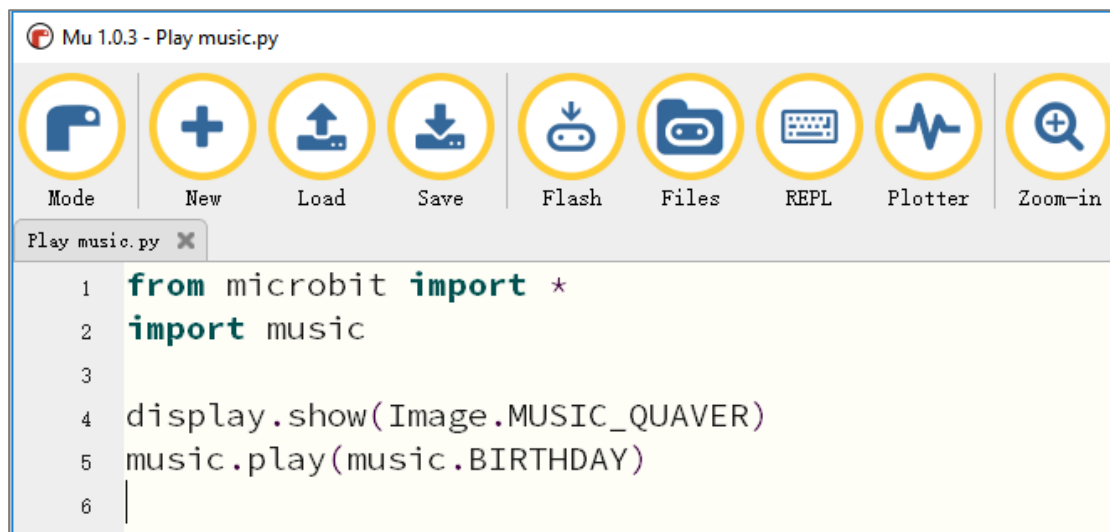
• music.DADADADUM
• music.ENTERTAINER

• music.PRELUDE
• music.ODE
• music.NYAN
• music.RINGTONE
• music.FUNK
• music.BLUES
• music.BIRTHDAY
• music.WEDDING
• music.FUNERAL
• music.PUNCHLINE
• music.PYTHON
• music.BADDY
• music.CHASE
• music.BA_DING
• music.WAWAWAWAA
• music.JUMP_UP
• music.JUMP_DOWN
• music.POWER_UP
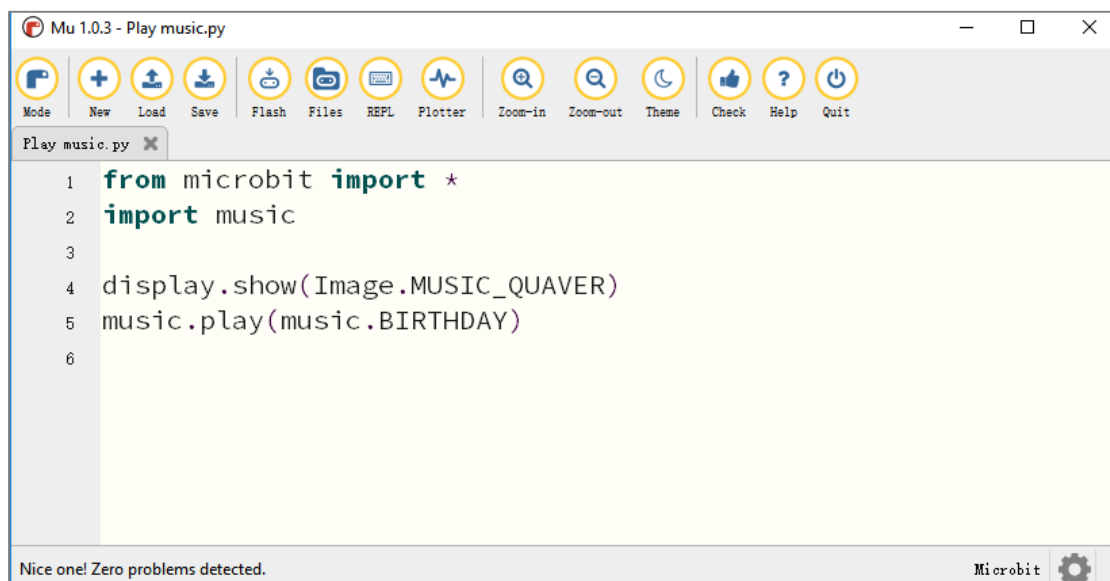• music.POWER_DOWN

Programming and downloading：

1.You should open the Mu software, and enter the code in the edit window, , as shown below.

Note! All English and symbols should be entered in English, and the last
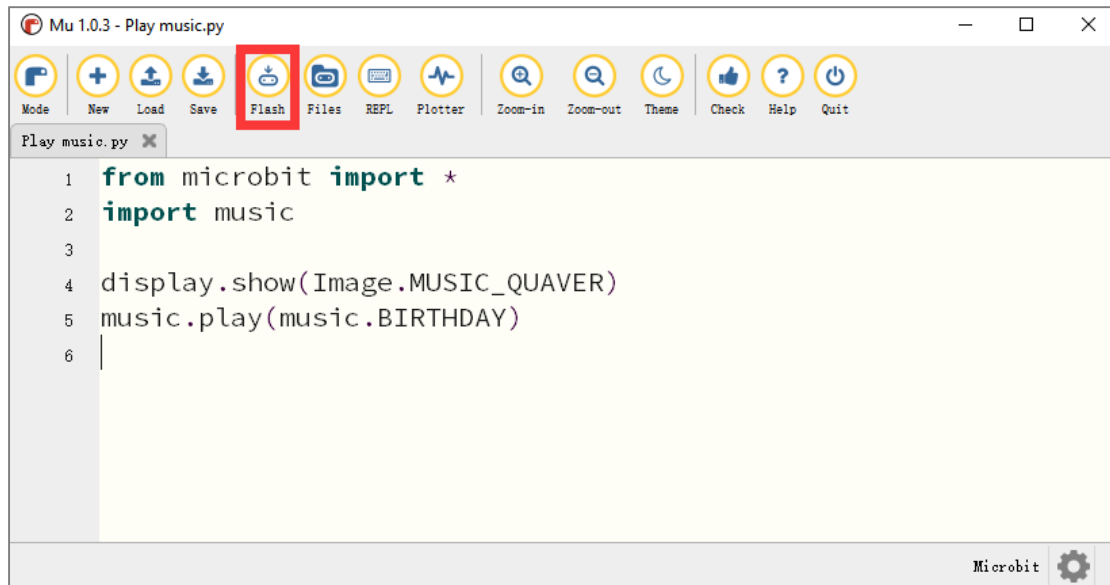
line must be a space.

2.You can click the **"Check"** button to check if our code has an error. If a line appears with a cursor or an underscore, the program indicating this line is wrong.

3.Connect the micro USB data cable to the micro:bit and the computer, and then click the Flash button to download the program to the micro:bit as shown below.

4. After downloading the program, you can hear "Birthday Song", and the music symbol is displayed on the micro:bit dot matrix. Since the melody is only played once, you can press the reset button to run the program again.