## Play built-in music

**Learning goals:**

This lesson learns to play built-in music by Python programming. For example: heart.

**Code:**

```
from microbit import *
import music
music.play(music.ODE)
```

We need to import the music library function, and call the built-in music. WEDDING melody from the library, the following 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 in Figure 7-1.

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

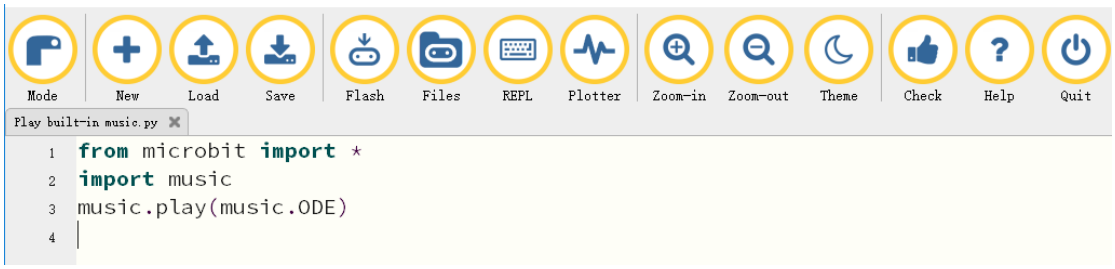



Figure 7-1

2.As shown in Figure 7-2, you need to 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.

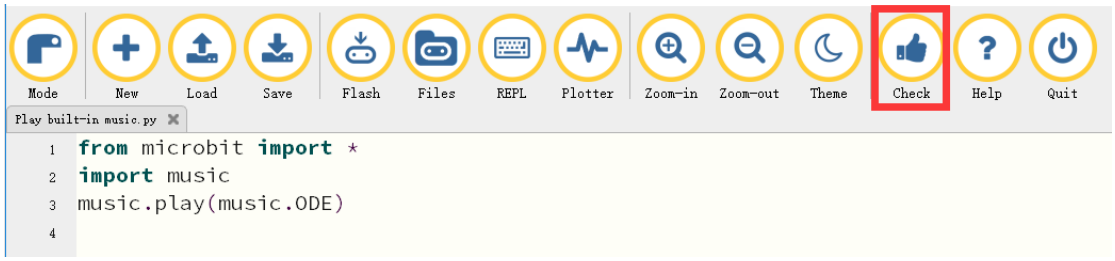



Figure 7-2

3.You need to connect the micro data cable to micro:bit and the computer, then click the Flash button to download the program to micro:bit as shown in Figure 2-3.

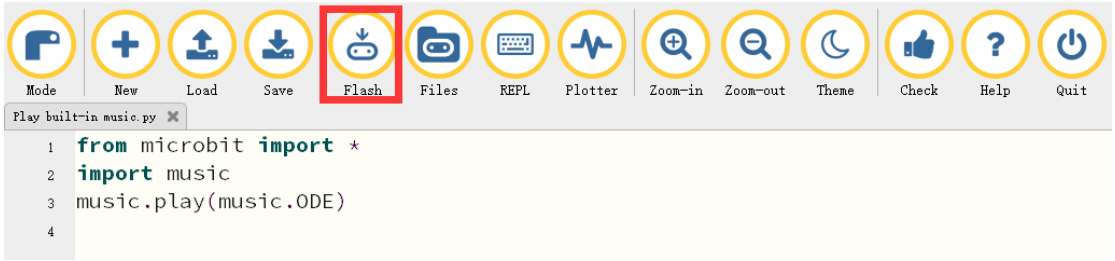
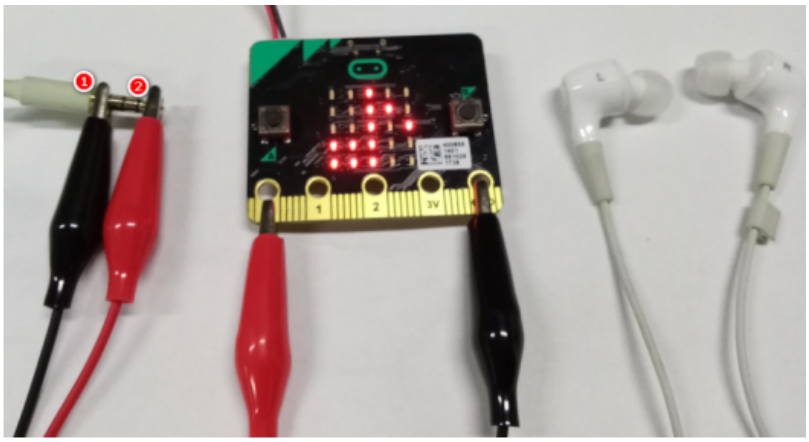



Figure 7-3

4. After the download is successful, we need to connect P0,GND of micro:bit to head phone by crocodile clip. Then, you can hear that buzzer play ODE .


1
2
1
2
3V