

## Lesson 11 - Croco:kit talk

### Learning goals:

This lesson learns to use Python programming to make a buzzer on Croco:Kit sound.

### Code:

```
from microbit import *
import speech
display.show(Image.HAPPY)
speech.say("Hi, I'm an excellent robot from Yahboom.")
speech.say("Nice to meet you.")
```

### Programming and downloading:

1. You should open the Mu software, and enter the code in the edit window, as shown in Figure 10-1.

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

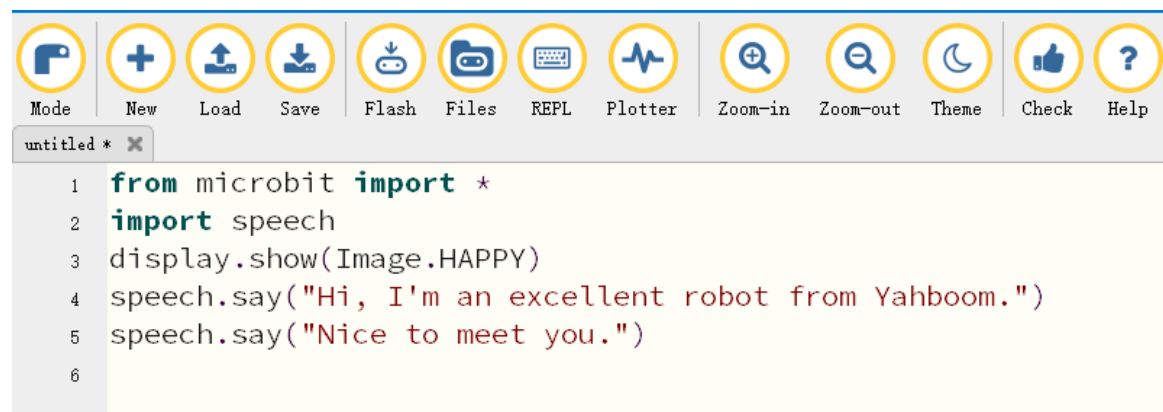


Figure 11-1

2. As shown in Figure 14-2, 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.

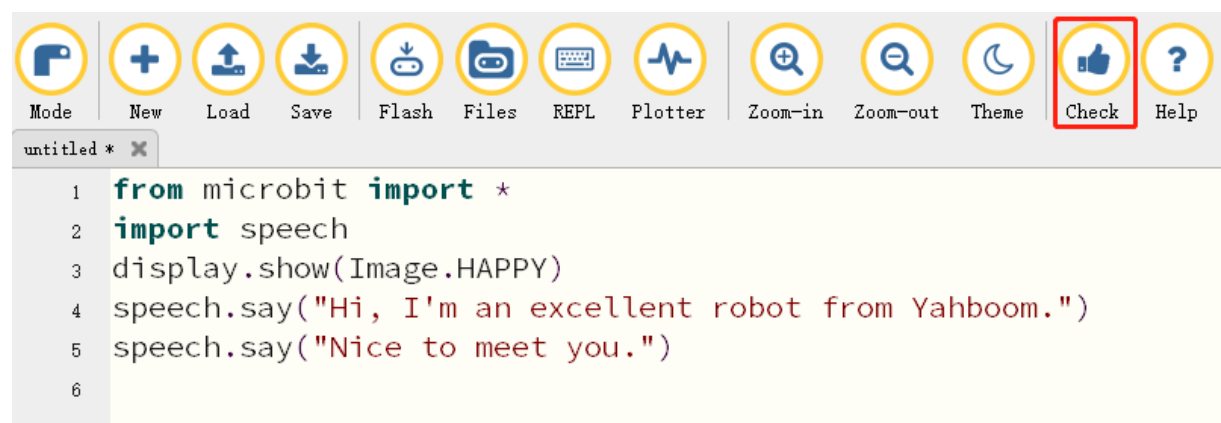


Figure 11-2

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 10-3.

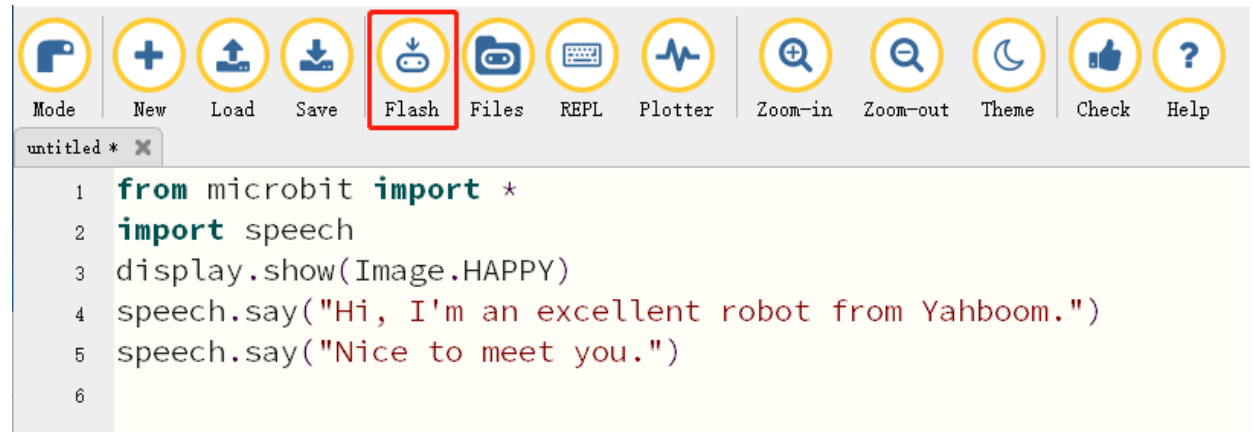


Figure 11-3

4. After downloading the program into micro:bit, you can see a smile pattern on the Micro:bit dot matrix and make a sound: Hi, I'm an excellent robot from Yahboom. Nice to meet you.

