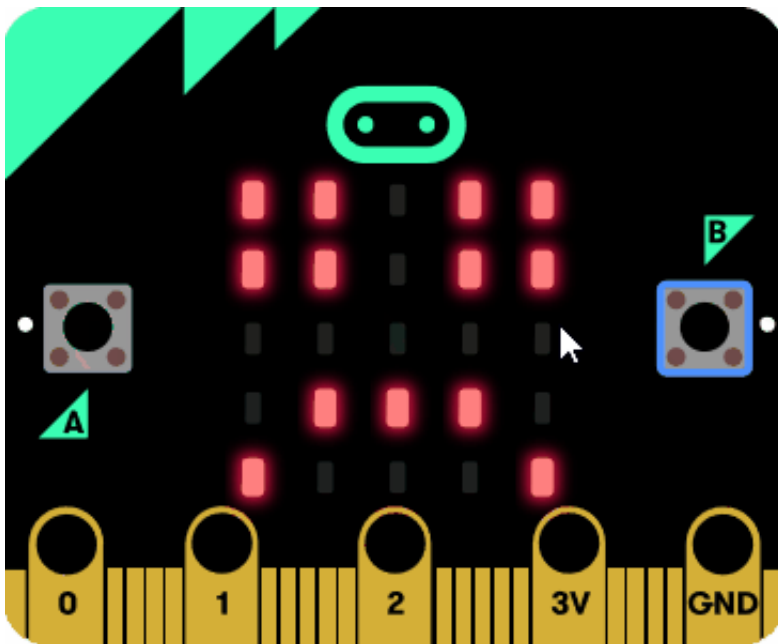


Smiley Buttons

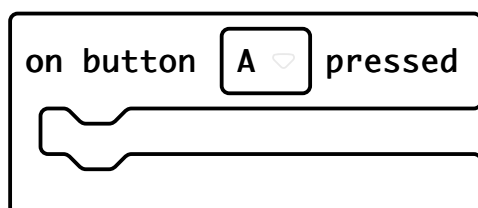
Introduction

Code the buttons on the micro:bit to show that it's happy or sad. (Want to learn how the buttons works? **Watch this video** (https://youtu.be/t_Qujjd_38o)).



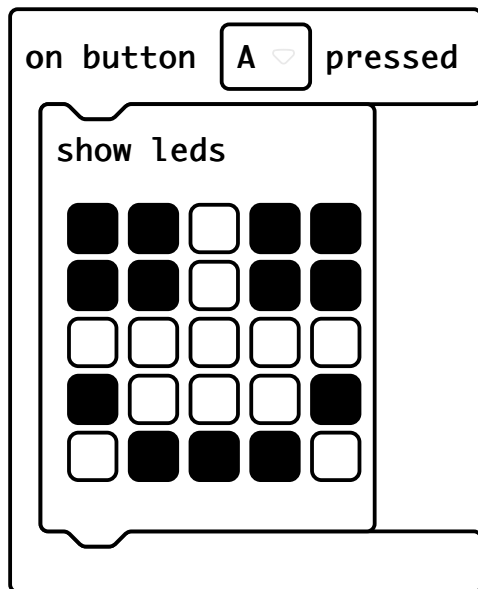
Step 1

Place a `on button pressed` block to run code when button **A** is pressed.



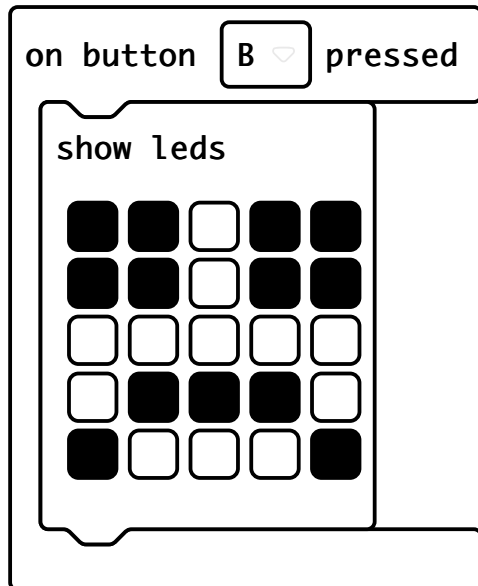
Step 2

Place a **show leds** block inside **on button pressed** to display a smiley on the screen. Press the **A** button in the simulator to see the smiley.



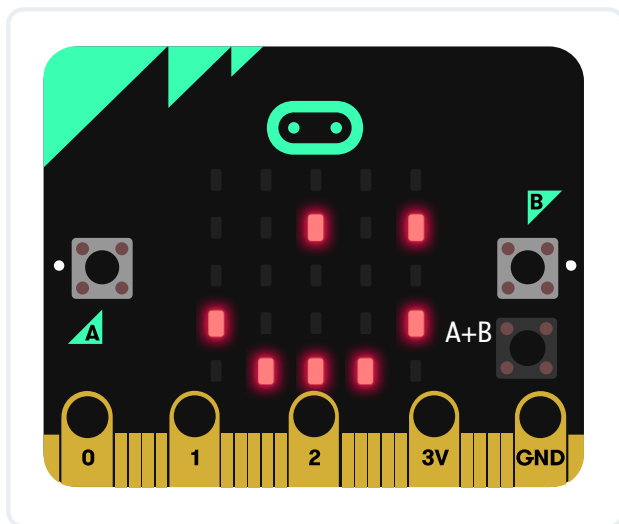
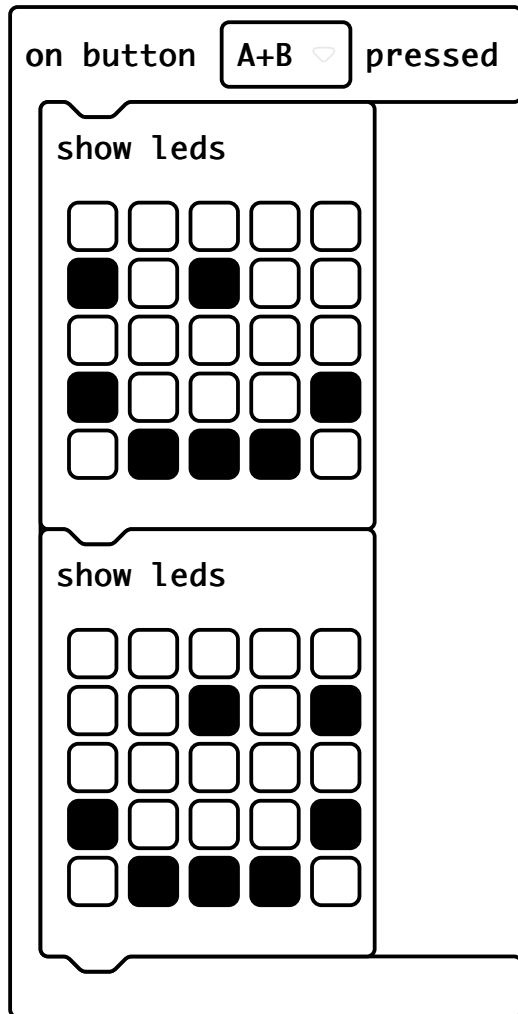
Step 3

Add **on button pressed** and **show leds** blocks to display a frowny when button **B** is pressed.



Step 4

Add a secret mode that happens when **A** and **B** are pressed together. For this case, add multiple `show leds` blocks to create an animation.



Step 5

If you have a micro:bit, connect it to USB and click [Download](#) to transfer your code. Press button **A** on your micro:bit. Try button **B** and then **A** and **B** together.