

Counter

Step 1: Make it

What is it?

A simple project to help you count... skips, jumps, birds you see out of your window - anything!

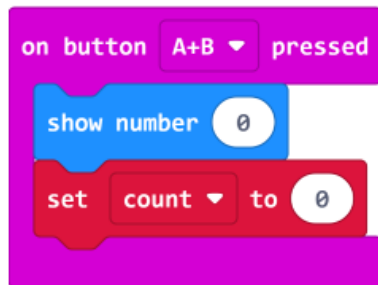
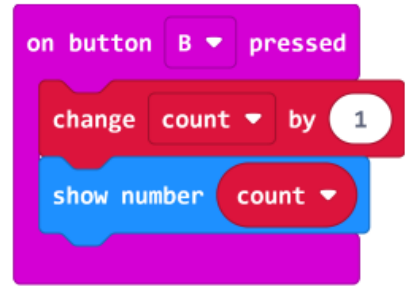
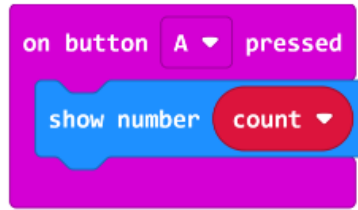
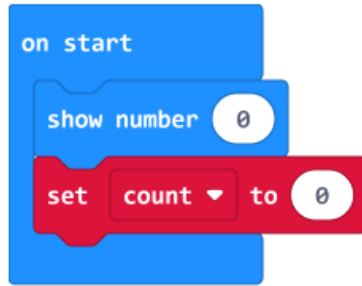
How it works

- This program uses a **variable** called 'count' to keep track of the number you're counting.
- It sets the variable to 0 at the start.
- Every time you press button B, it increases the count variable by 1 and shows it on the LED display.
- Numbers over 9 won't stay on the display, so pressing button A shows the number.
- You can reset the counter by pressing buttons A and B together.

What you need

- micro:bit (or MakeCode simulator)
- MakeCode editor
- battery pack (optional)

Step 2: Code it



Step 3: Improve it

- Find another way of resetting the counter, for example by shaking the micro:bit.
- Showing the number graphically - use a bar chart or dots.
- Show a heart or another picture when you reach a certain number - it could be your target for star-jumps or another activity.
- Use radio to send the count number to another micro:bit acting as a remote display.