**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**

A screenshot of a computer

Description automatically generated

## **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.