

Micro:bit Programming - selection

Using the **Python Editor**...

Write a program which counts how many times button A has been clicked

Challenges:

1. Use a **variable** to count button presses
2. Display the number of clicks when button B is pressed
3. Set the counter back to 0

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Here's an algorithm for how you could do this:

Set a variable called counter to 0

REPEAT FOREVER:

IF button A is clicked:

 Add 1 to counter

IF button B is clicked:

 Show the value of counter on the screen

```
1 # Button counter program
2 from microbit import *
3
4 counter = 0
5
6 while True:
7     if button_a.is_pressed():
8         counter = counter + 1
```