# Micro:bit Programming - variables

A **variable** is a way of storing data in a computer program

Each variable has a name and a value

```python
# button counter
from microbit import *

# set the counter to 0 at start
counter = 0

while True:
    # button a increases the counter
    if button_a.is_pressed():
        counter = counter + 1
        display.scroll(str(counter))

    # button b resets the counter
    if button_b.is_pressed():
        counter = 0
        display.scroll(str(counter))
```