Picture Painter
Python

```python
from microbit import *

x = 0
y = 0

def advance():
    global x, y # Modify the global scope of x and y
    if x == 4:
        y = (y + 1) % 5
    x = (x + 1) % 5

while True:
    # Button presses
    # We can't check get_presses() or was_pressed() in the if
    # statement because it resets the count, so if we check format
    # the reset a + b at the start, it zeroes out the presses later on
    a = button_a.get_presses()
    b = button_b.get_presses()
    if a and b:
        x = 0
        y = 0
        display.clear()
    elif a:
        display.set_pixel(x, y, 9) # turn LED to max
        advance()
    elif b:
        display.set_pixel(x, y, 0) # turn LED off
        advance()

    # Blinking current pixel
    display.set_pixel(x, y, 5) # set it to half brightness
    sleep(100)
    display.set_pixel(x, y, 0) # turn off the pixel
    sleep(100)
```