

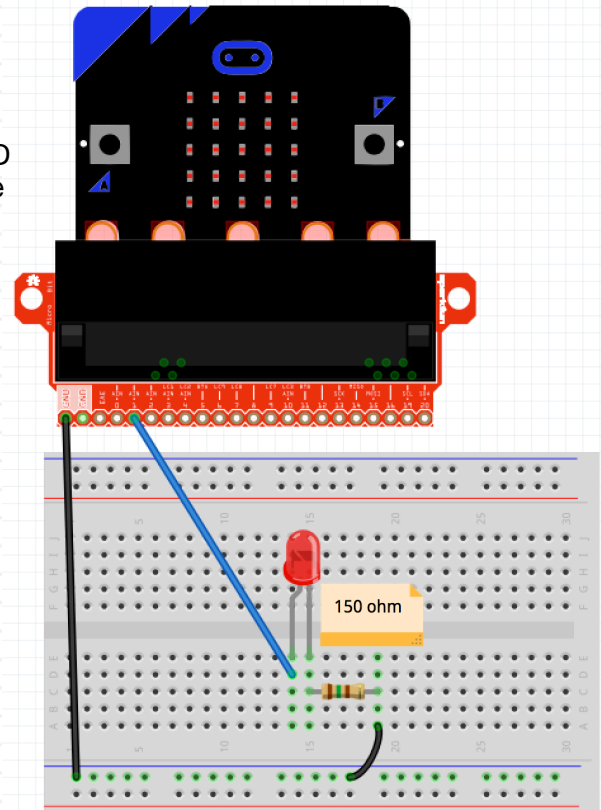
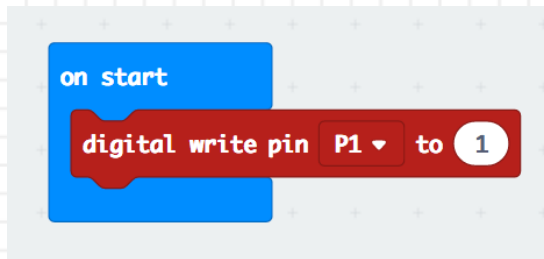
Lighting an LED

Materials: Micro:bit, Breakout, Breadboard, LED, 150 ohm resistor, connectors.

- Connect the micro:bit to the breakout
- Connect the breakout to the breadboard
- Connect GND to the blue strip on the breadboard
- Connect Pin 1 to the long leg (+) of the LED on the breadboard
- Connect the 150 ohm resistor to the short leg (-) of the LED
- Connect the other end of the resistor to the GND row of the breadboard

Create the program below. Upload it to the micro:bit

<https://makecode.microbit.org/#>



Setting a pin to 1 turns on that pin.
Setting it to 0 turns it off.

Can you add to the program to make the LED blink?

Can you add a second LED (use Pin 2) and light it?

Make them blink alternately?