micro:bit Fireworks Fun
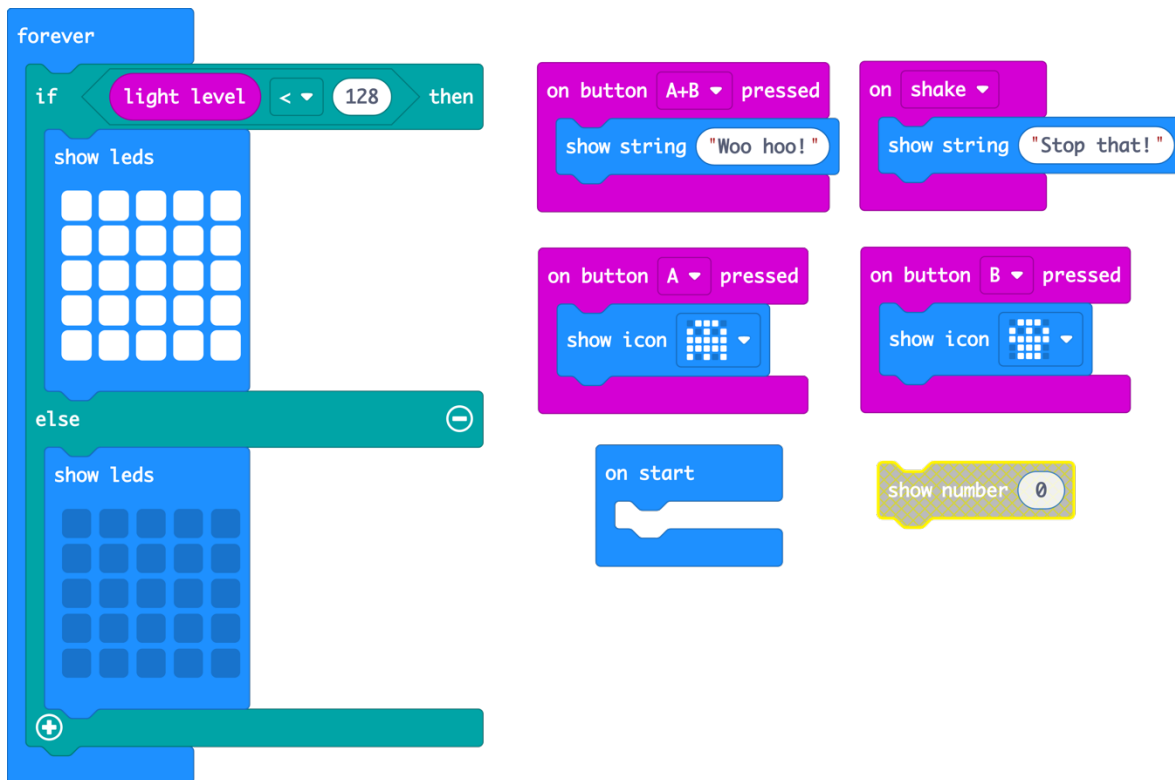
Gary Stager – April 1, 2021

Here is the link to the sample program I created in MakeCode to turn the micro:bit into a nightlight. You can edit the project directly by clicking on the Edit button in the top right-hand corner of the MakeCode page. https://makecode.microbit.org/_b5jcjig0t9fr

`☑ Edit`

The code we created together looks like this.

Challenge

Can you change the program so that a fireworks animation erupts when the room gets dark?

Thermometer Challenge

1. Program the micro:bit to display the temperature. Test your thermometer.

2. Program the micro:bit to display a smiley face when the temperature is above a certain value and sad face when it gets cold.

Please think of good questions to ask!