# Case 30: The Ambient Lighting

Contents

32.1. Purpose
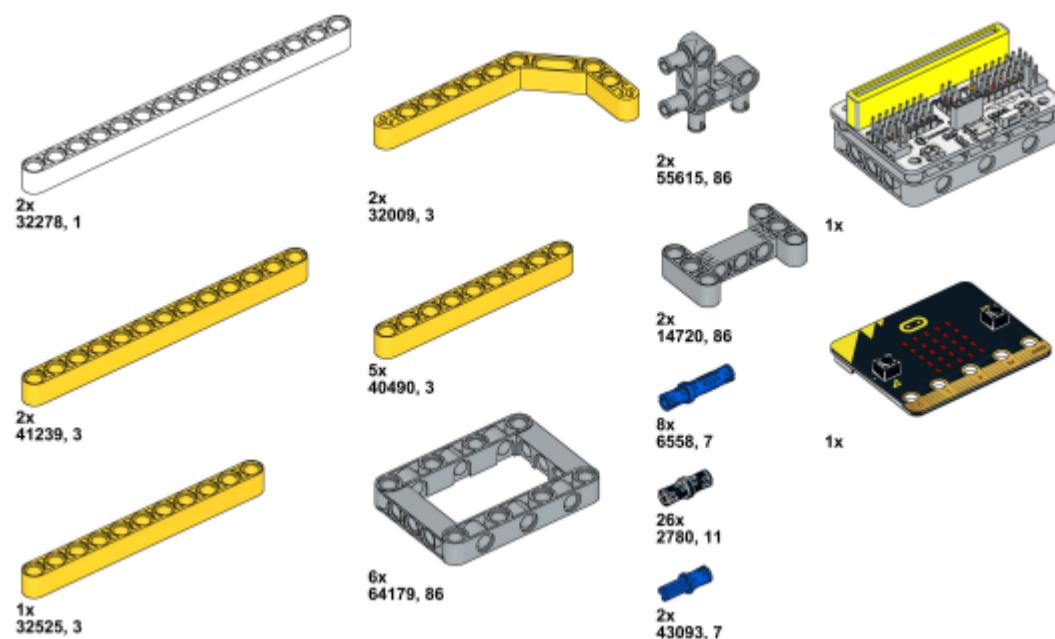
Make an ambient lighting.
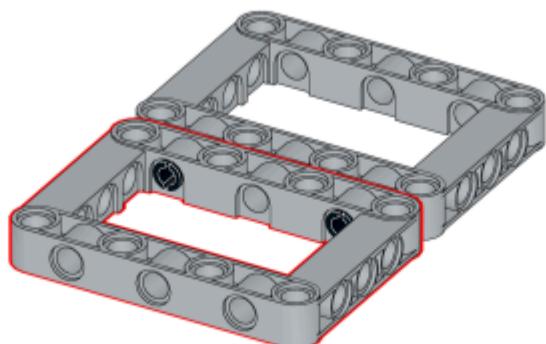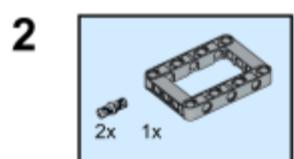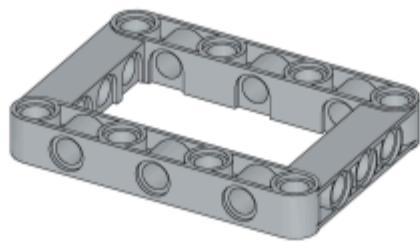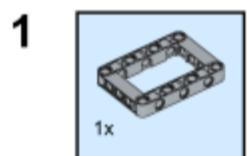
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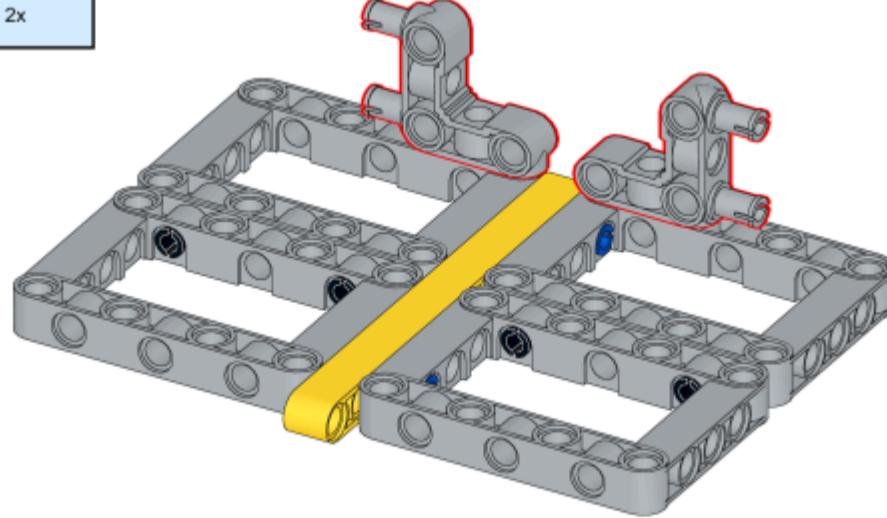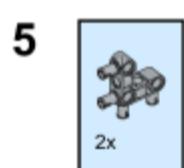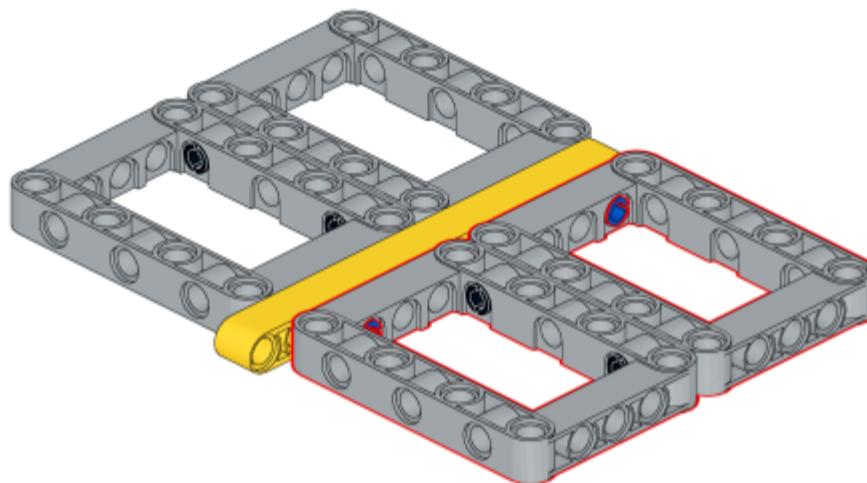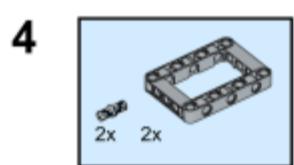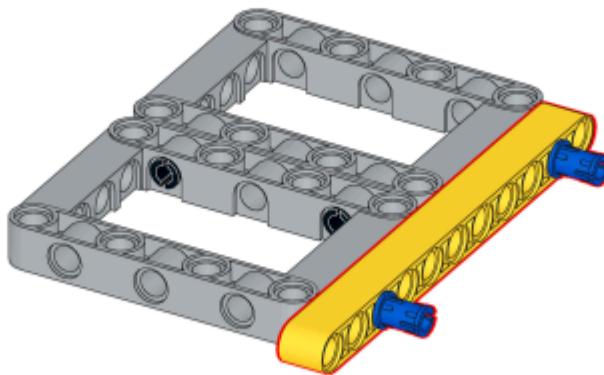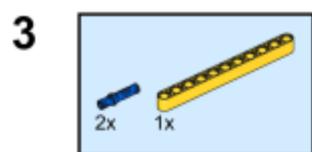
[micro:bit Wonder Building Kit](#)

## 32.3. Materials Required

2x
32278, 1

2x
32009, 3

2x
55615, 86

1x

2x
41239, 3

5x
40490, 3

2x
14720, 86

8x
6558, 7

1x

1x
32525, 3

6x
64179, 86

26x
2780, 11

2x
43093, 7
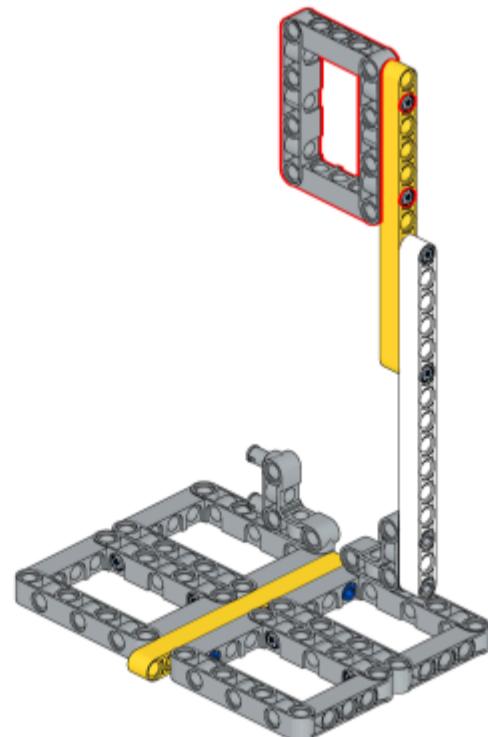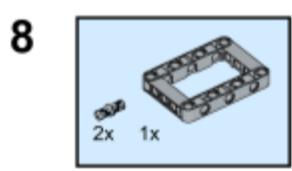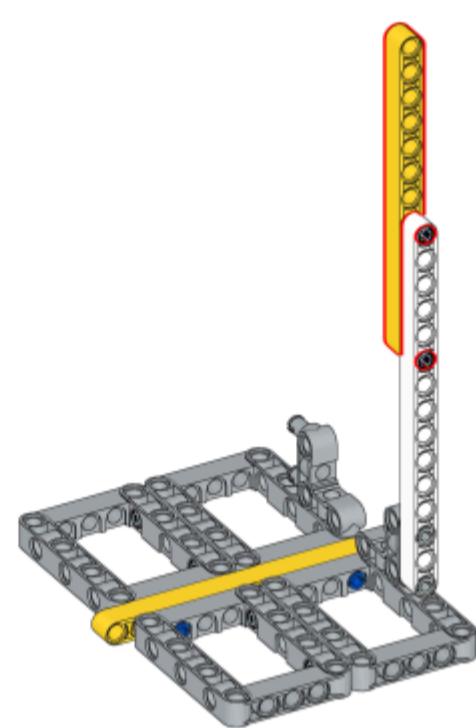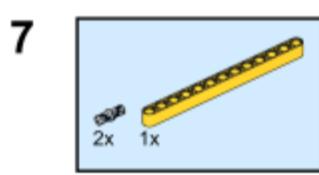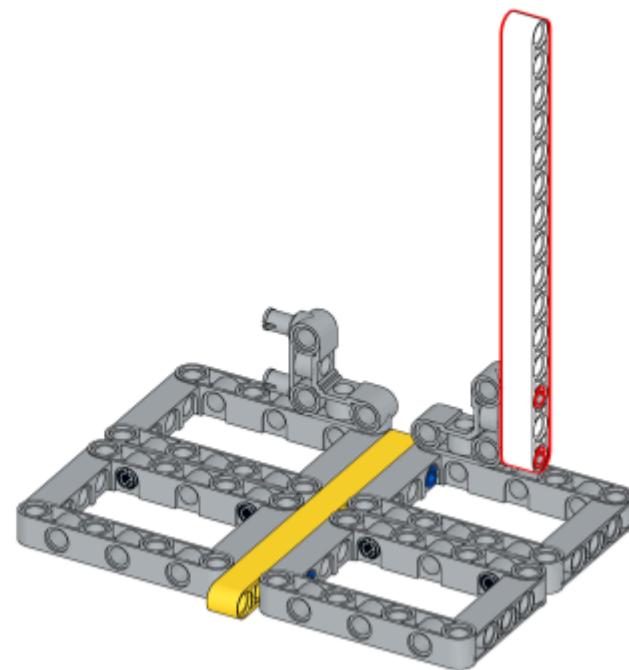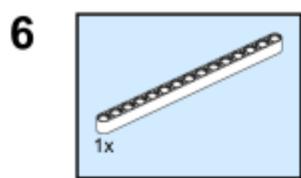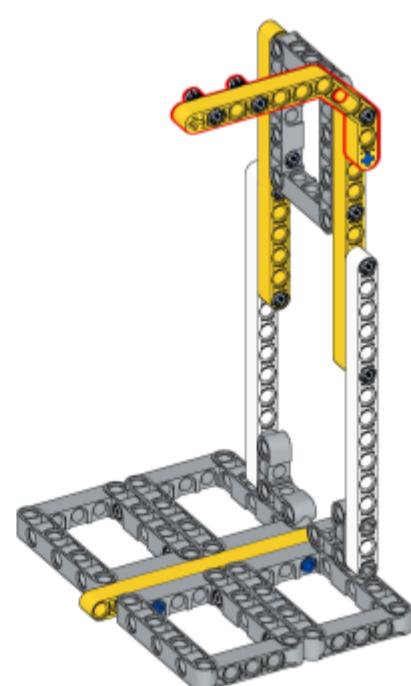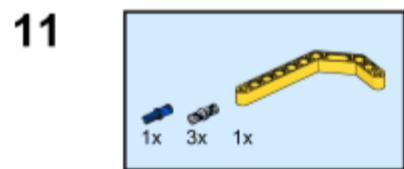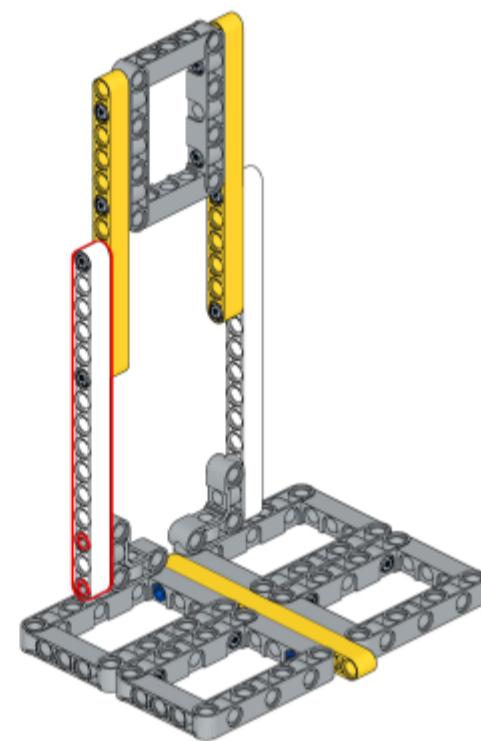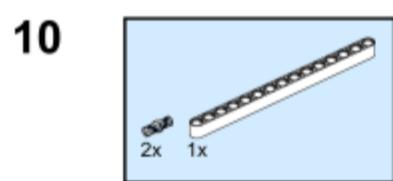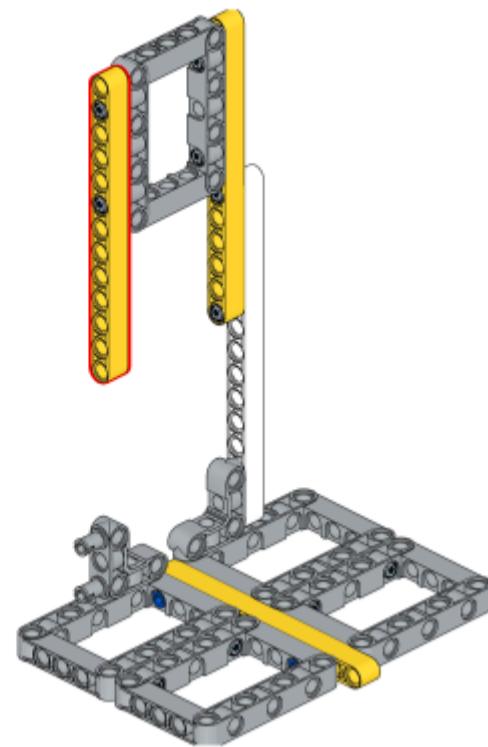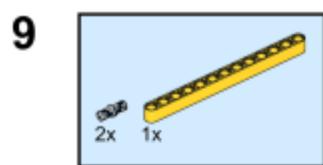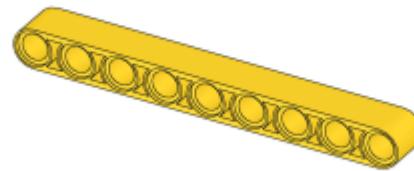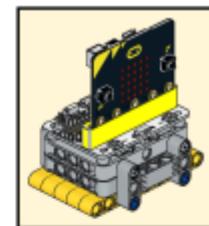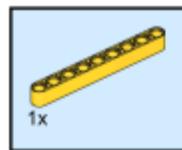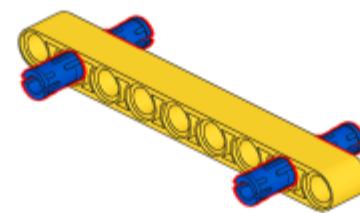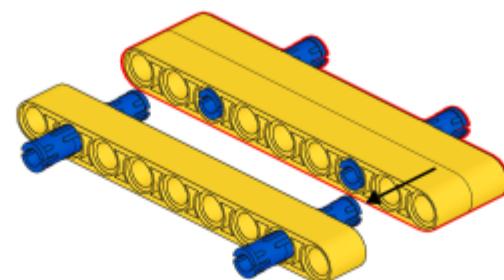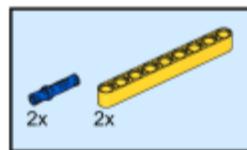
32.4. Bricks build-up

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2

3

4

5

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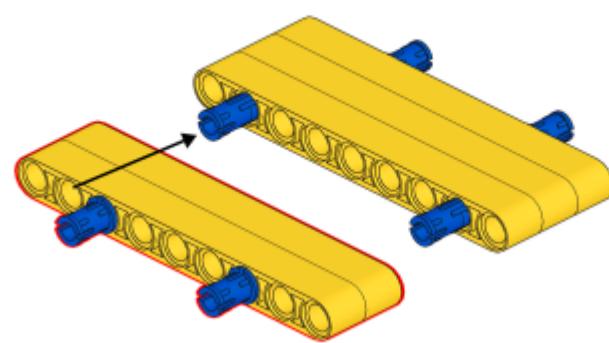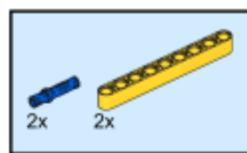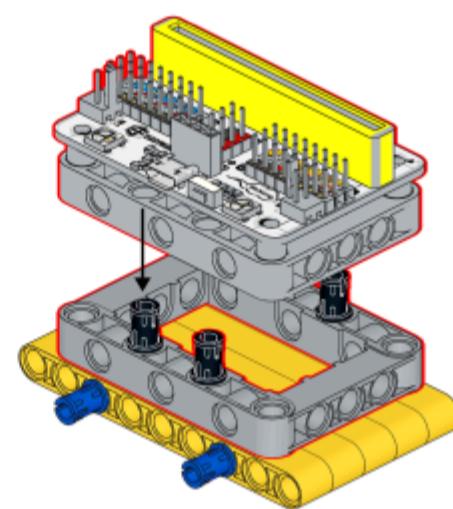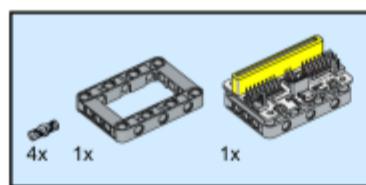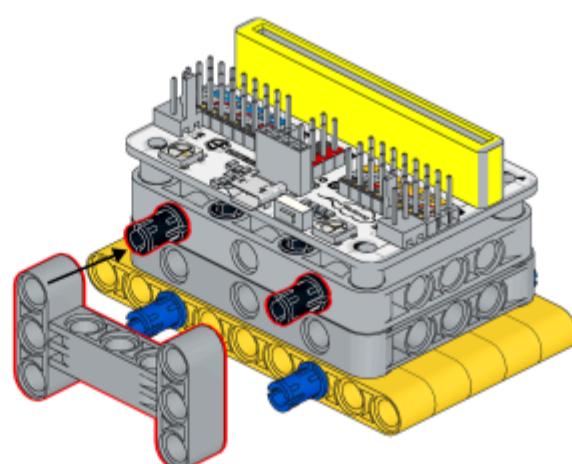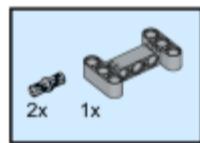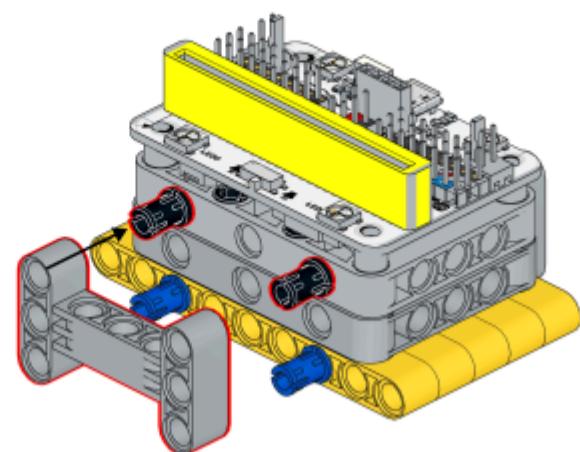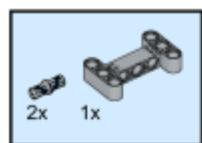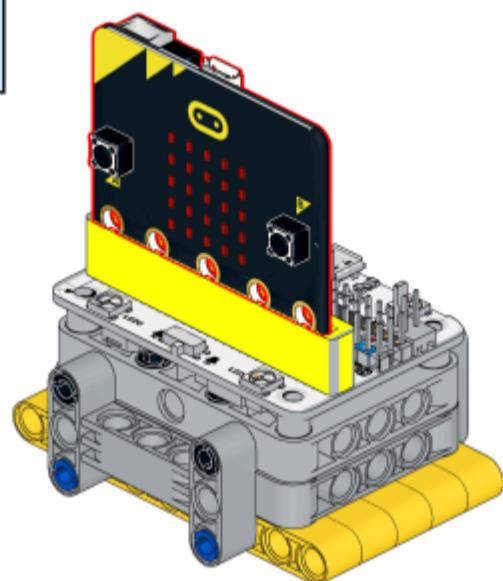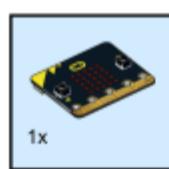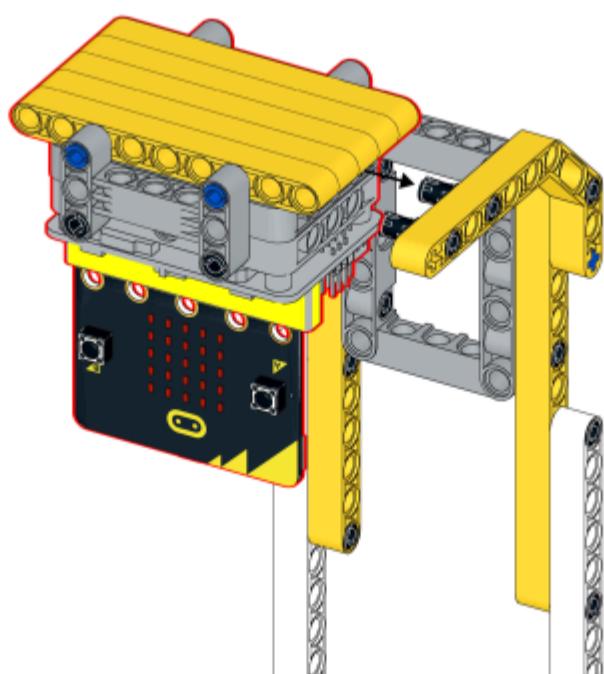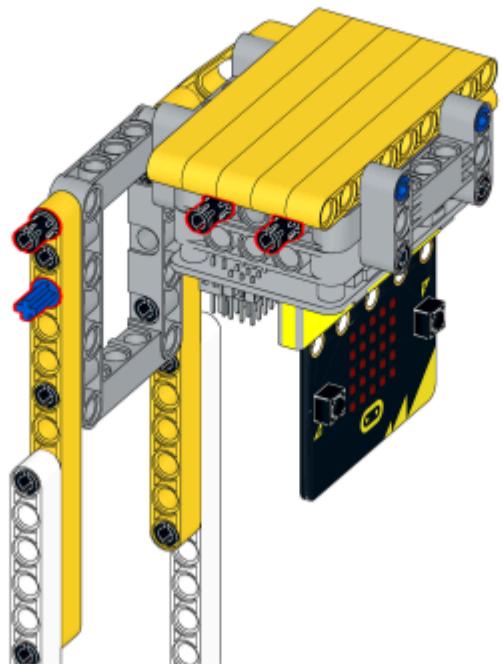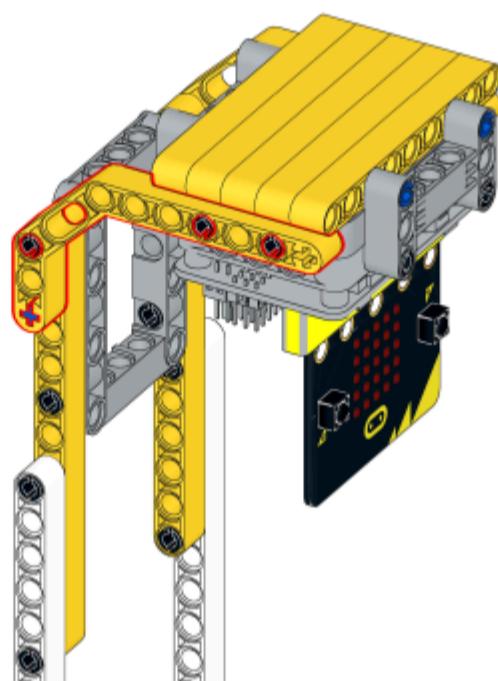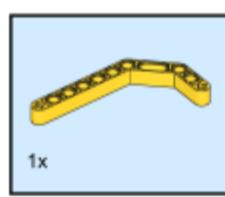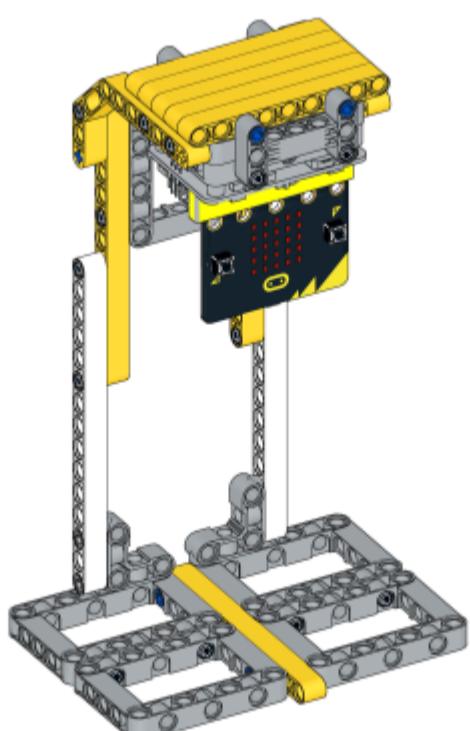
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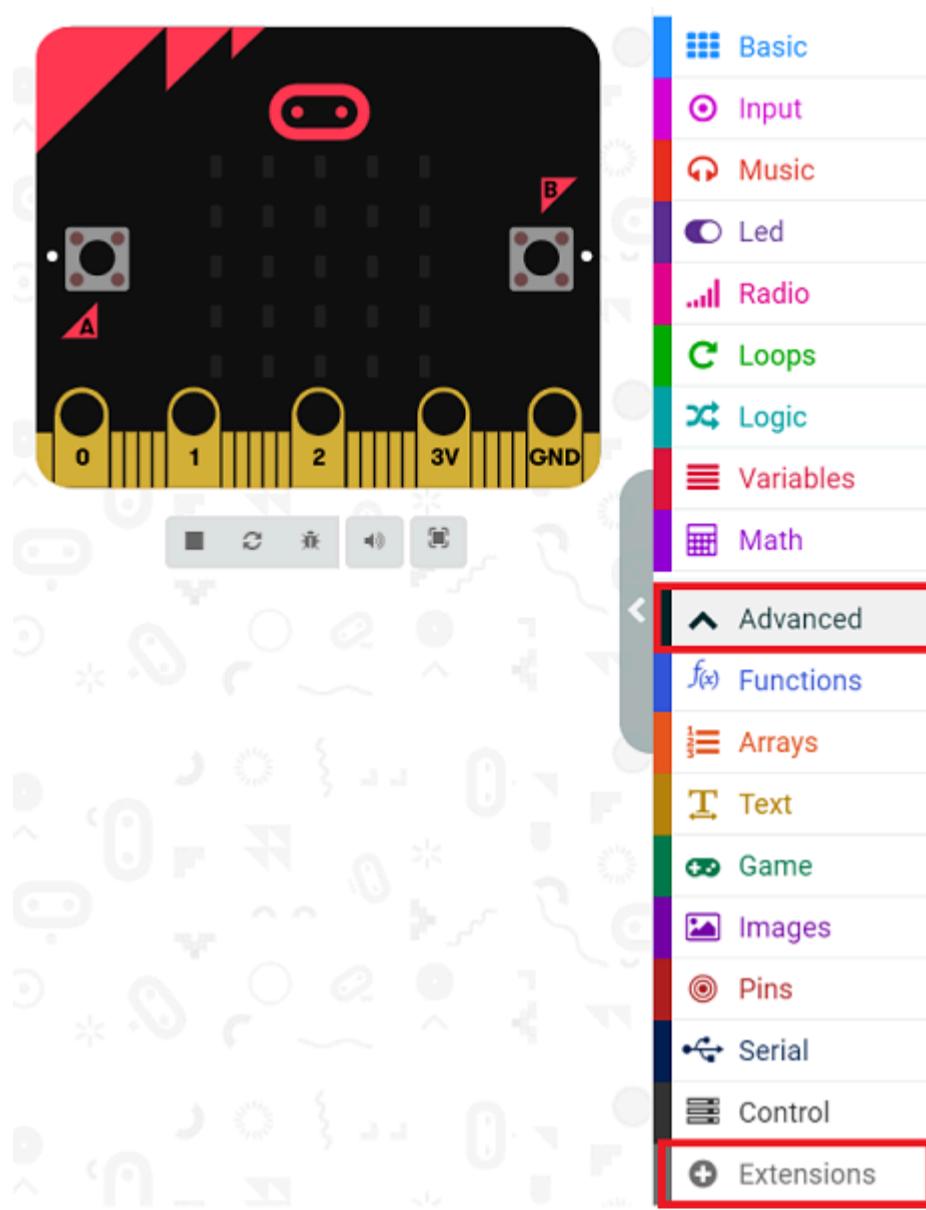
32.5. Software Platform

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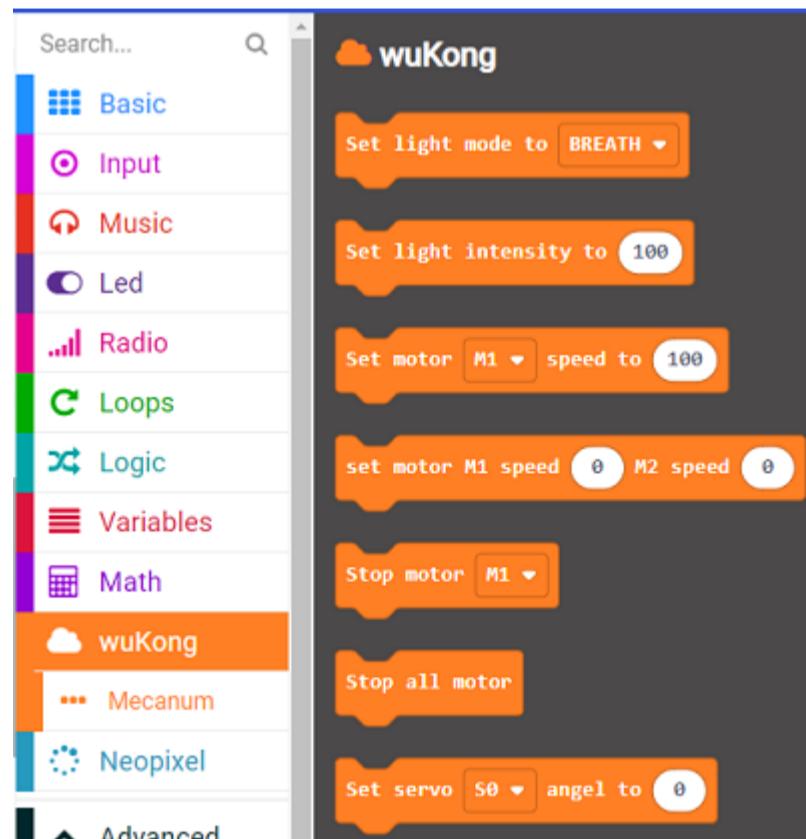
32.6. Coding

Add extensions
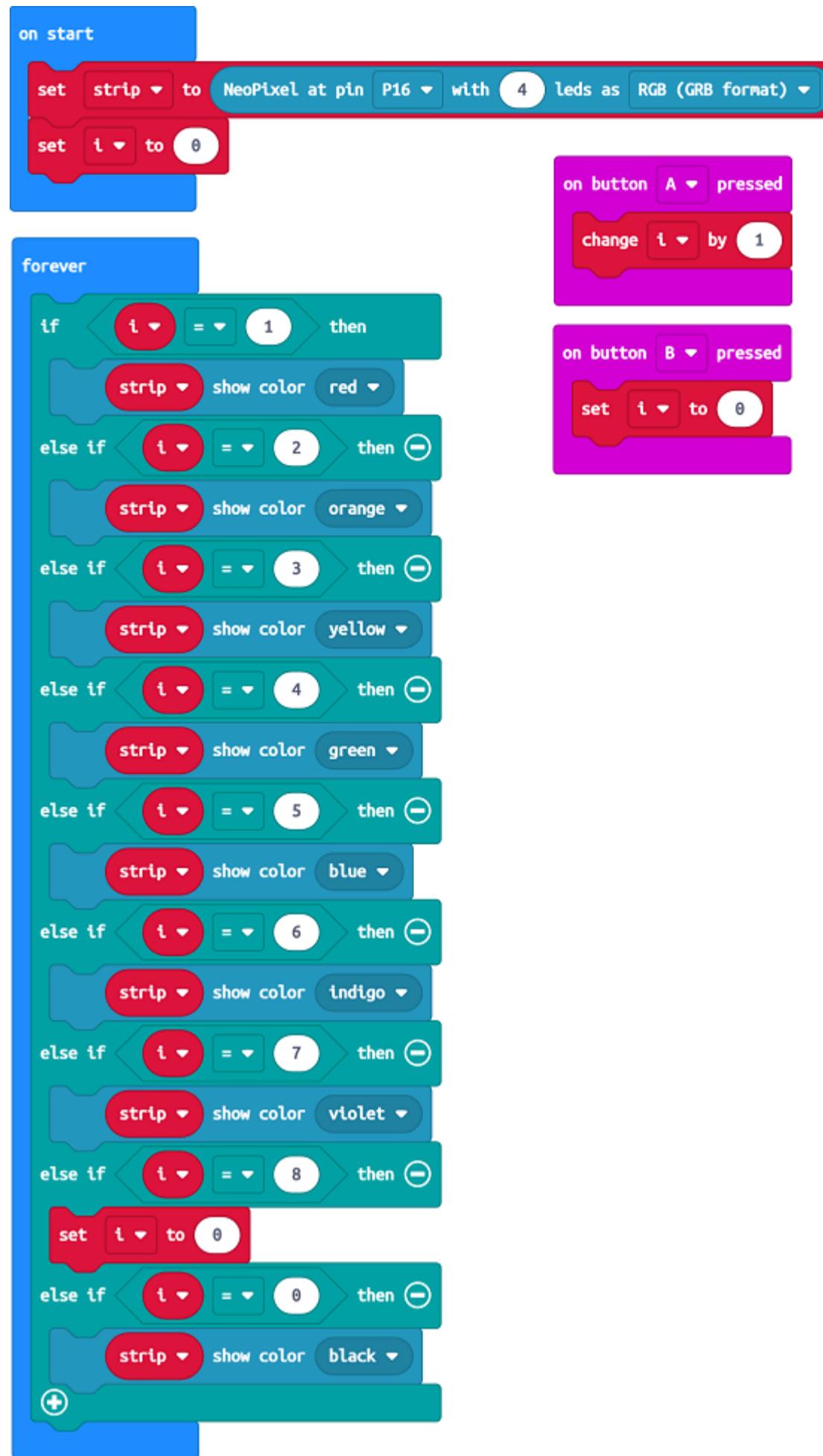
Click "Advanced" in the MakeCode to see more choices.

Search with Wukong in the dialogue box to download it.

Program

Link:https://makecode.microbit.org/_hHDAH6Fz6YCb

Result

When button A is pressed, the four Rainbow LEDs of the Wukong breakout board will light up.

Pressing button A again, the color will change; and when button B is pressed, all LEDs are off.