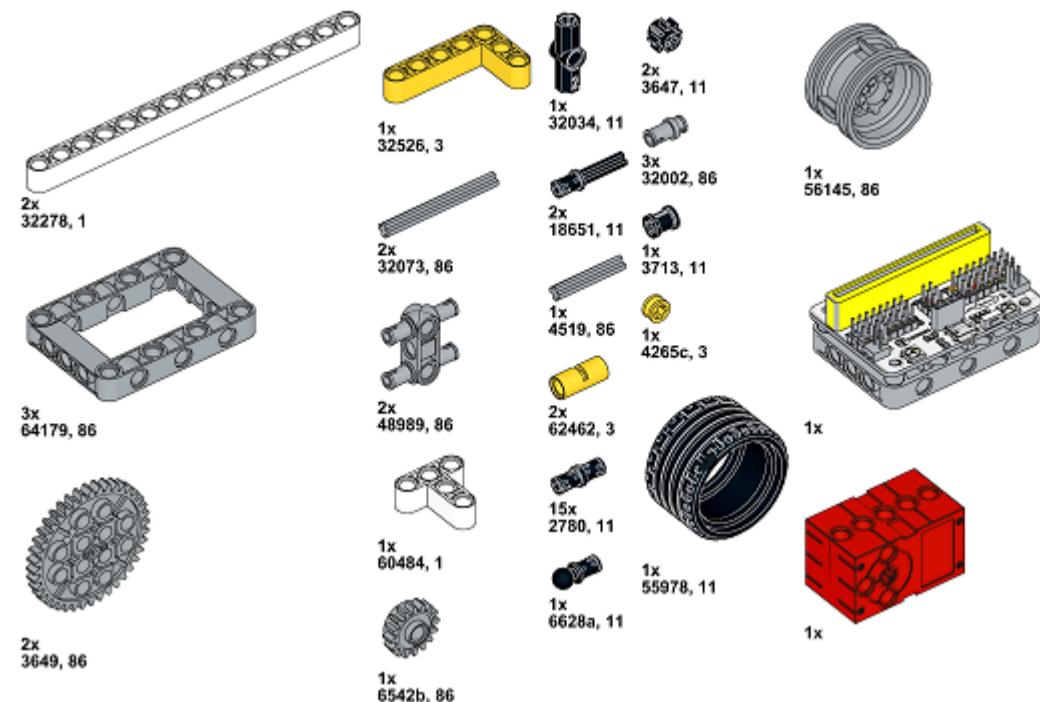# Case 03: The Gyroscope Base

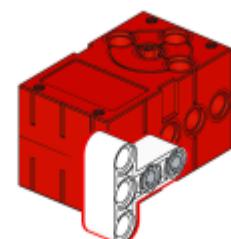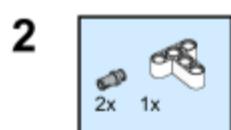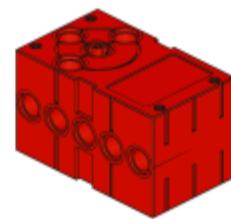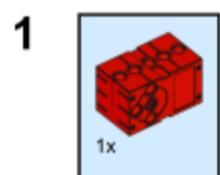## Contents

5.1. Purpose

To make a gyroscope baseboard.

5.2. Link

[micro:bit Wonder Building Kit](#)
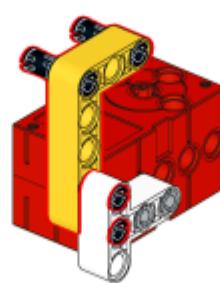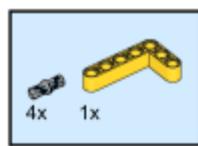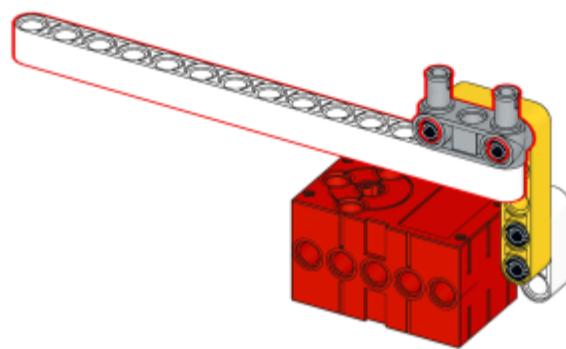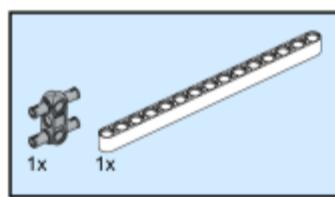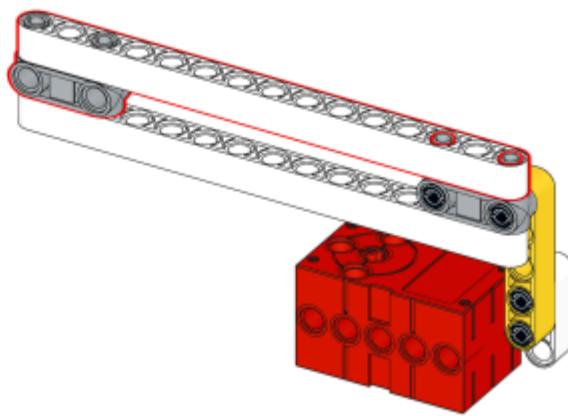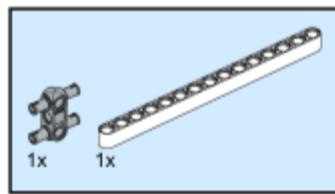
5.3. Materials Required
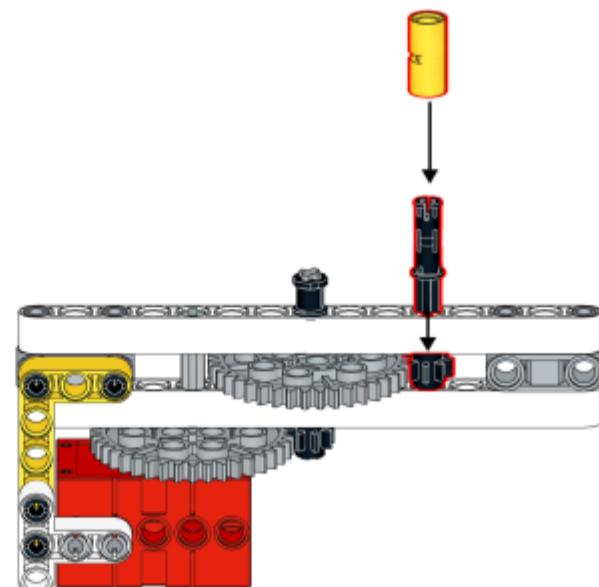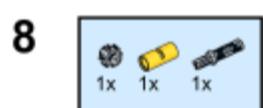
Video link: https://youtu.be/XC_tynRRxR0

5.4. Bricks build-up

1

2

3

4

5

6

7

8

9

10

▶

11

12

4x   1x
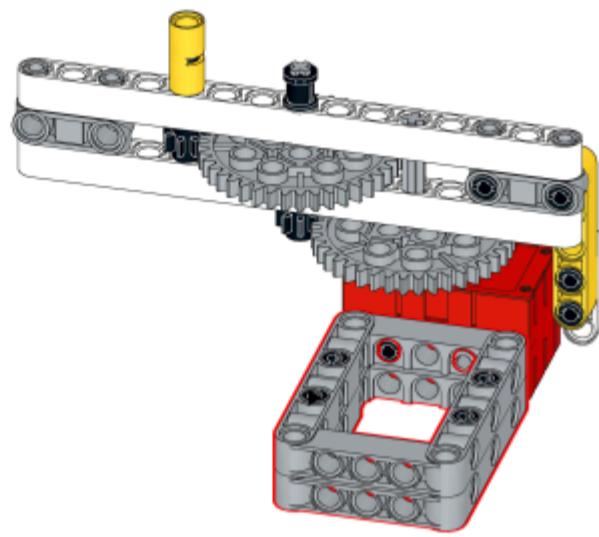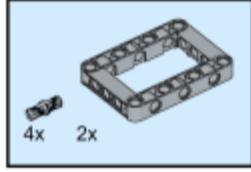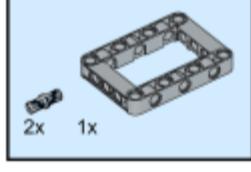
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5.5. Hardware Connection

Connect a [motor](#) to M1 port on [Wukong breakout board](#).
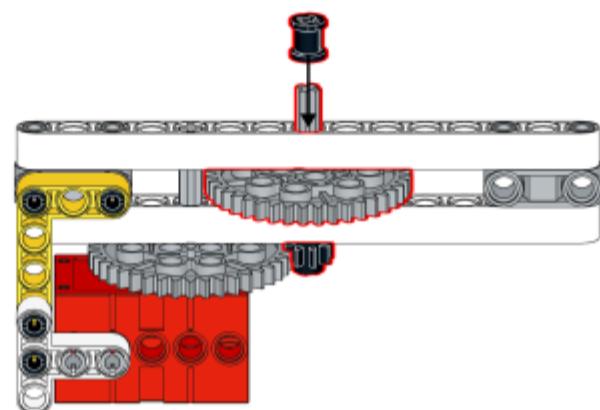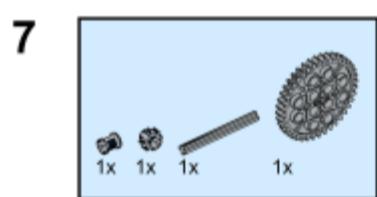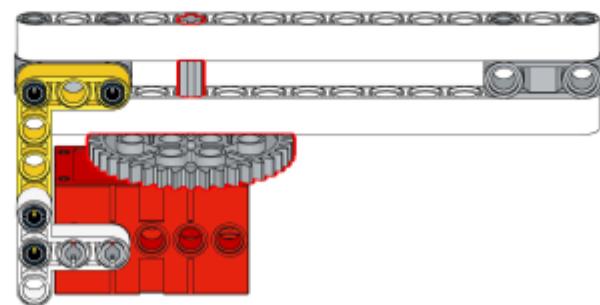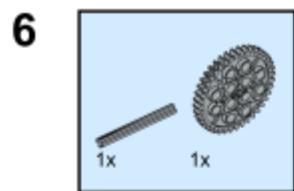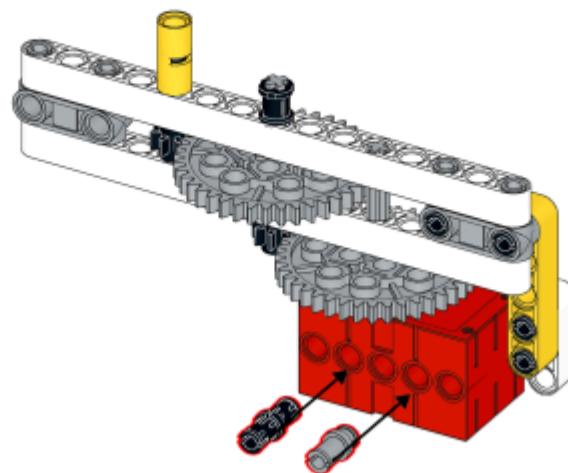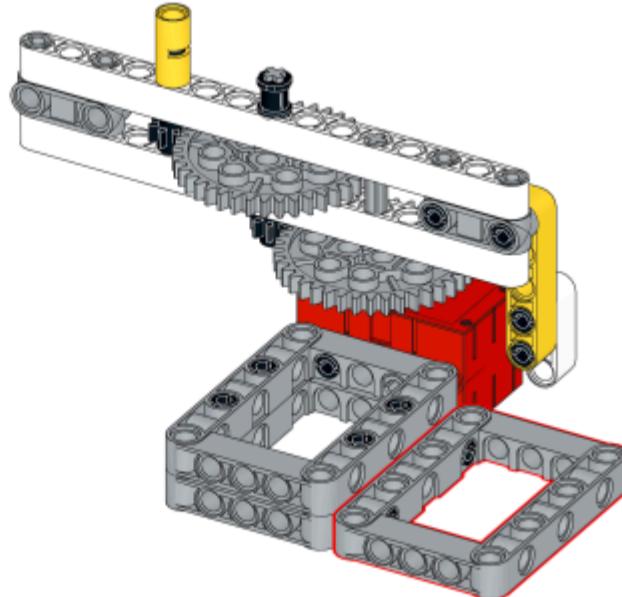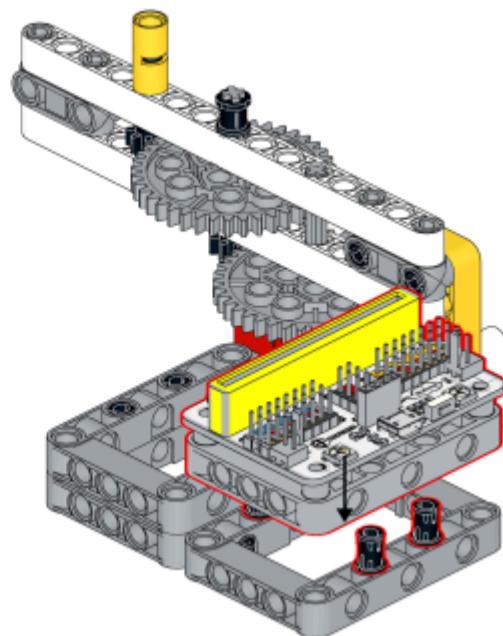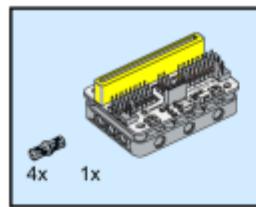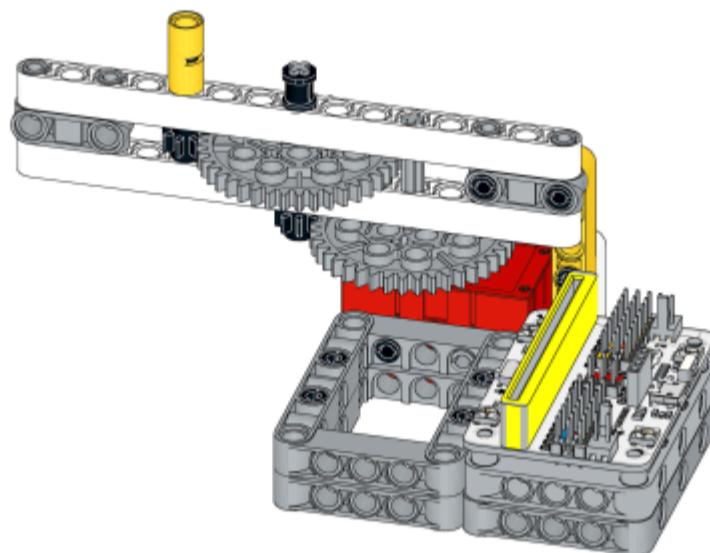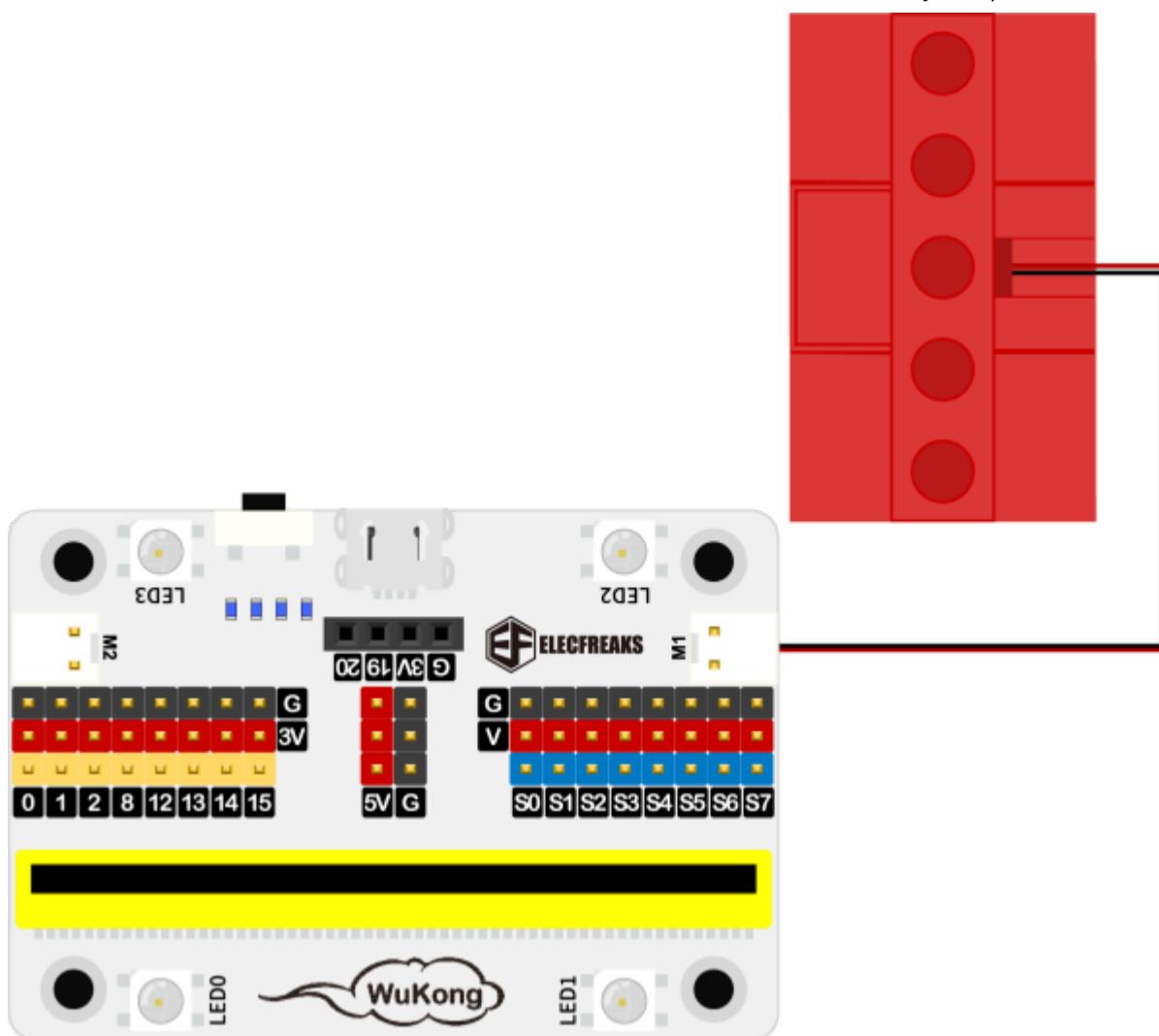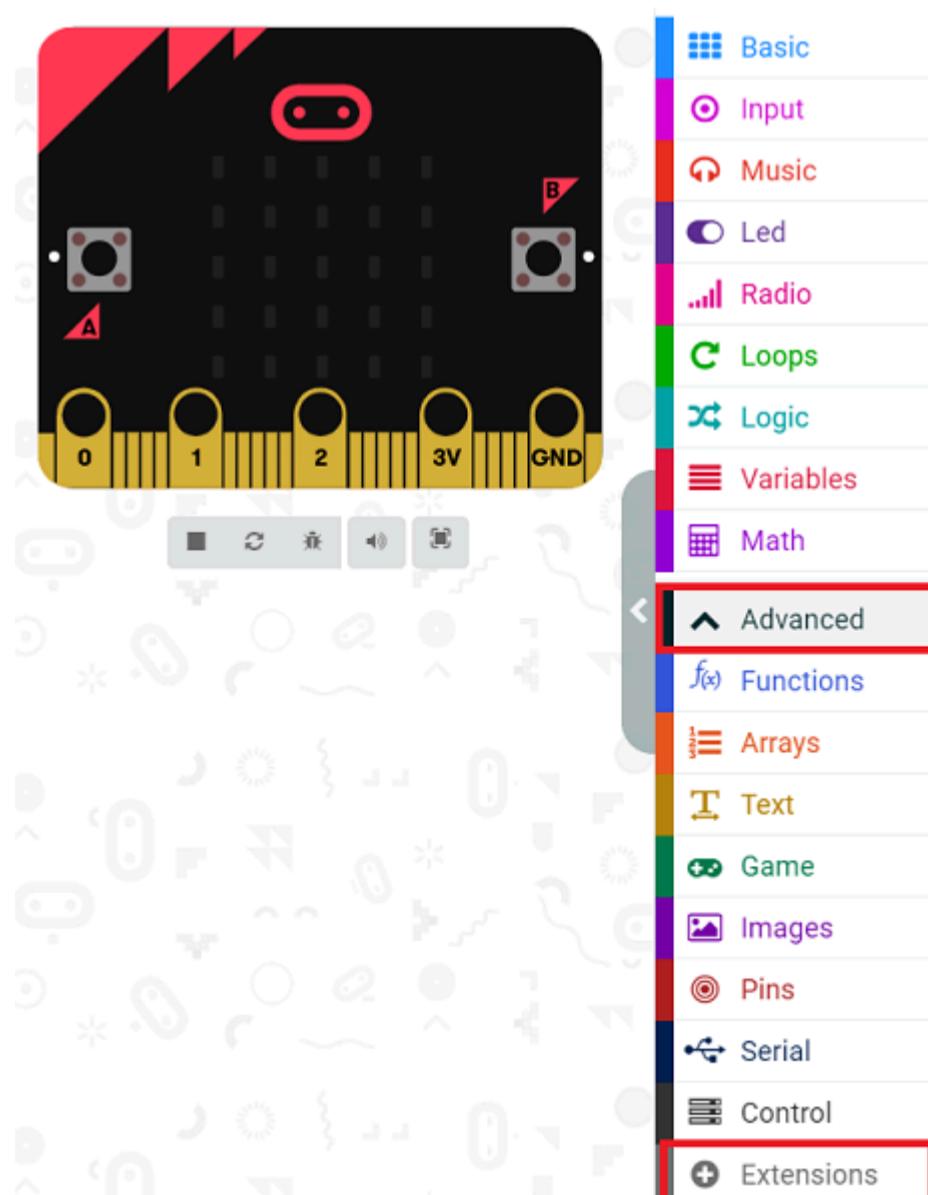
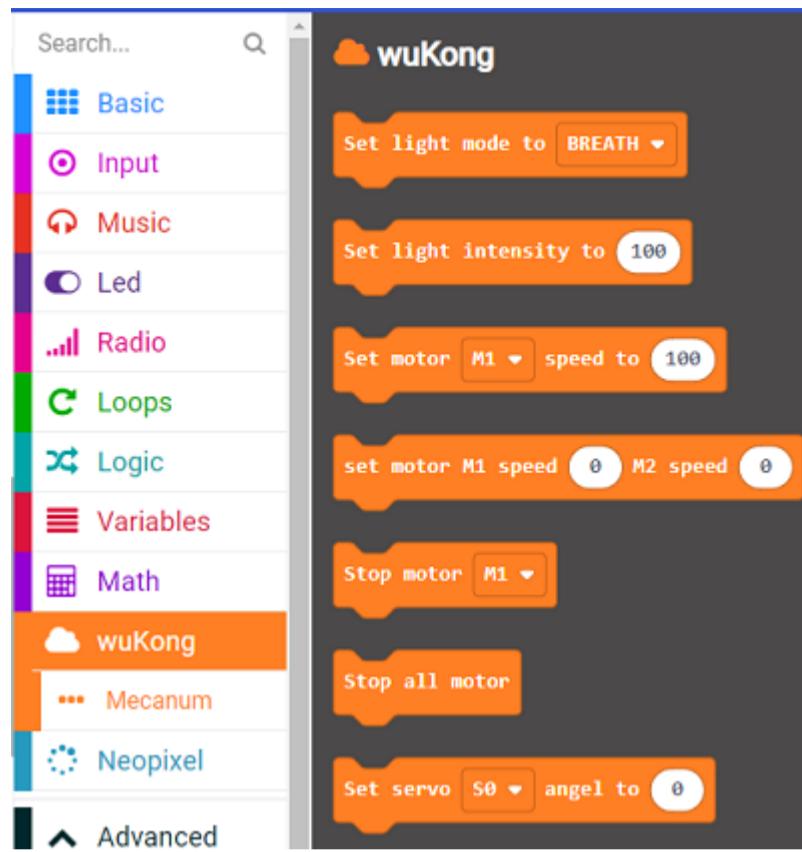## 5.6. Software Platform

MakeCode
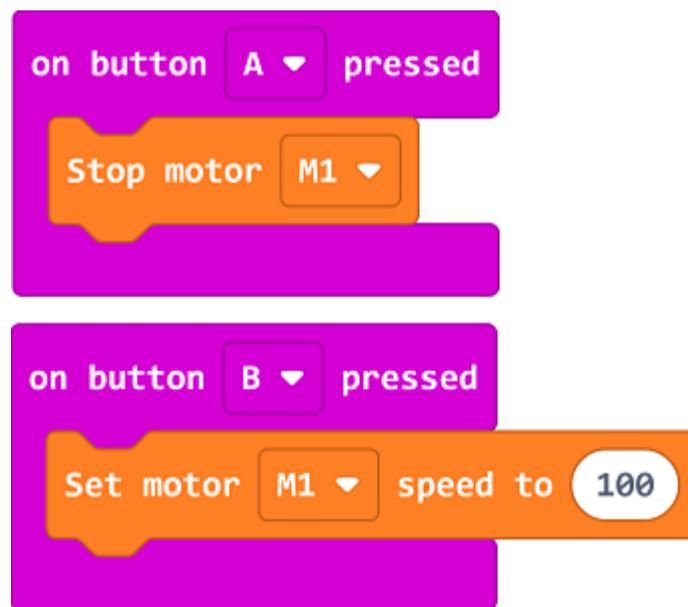
5.7. Coding

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/_FFibega47Hwy

Result

Press the button B and the motor connecting to M1 starts driving, put the gyroscope base on the swirling yellow connectors, when the accelerate speed meets the standard, release your hands and it will not fall off; press button A to stop driving the motor.

By ELECFREAKS Team

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