

# Case 16: The Road Sweeper

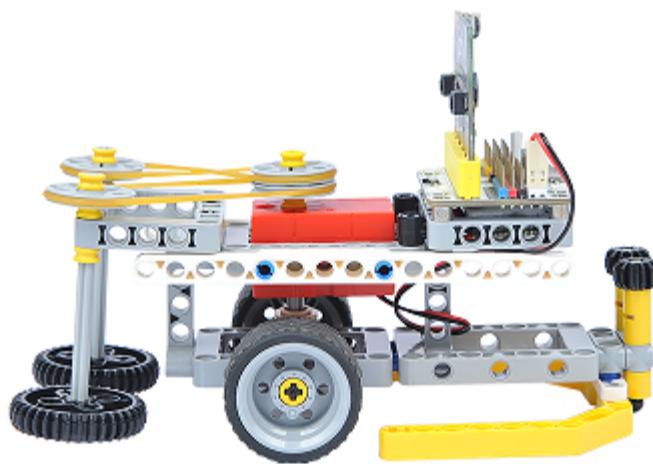
## Contents

- [18.1. Purpose](#)
- [18.2. Link:](#)
- [18.3. Materials Required](#)
- [18.4. Bricks build-up](#)
- [18.5. Hardware Connection](#)
- [18.6. Software Platform](#)
- [18.7. Coding](#)

### 18.1. Purpose

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To make a road sweeper.



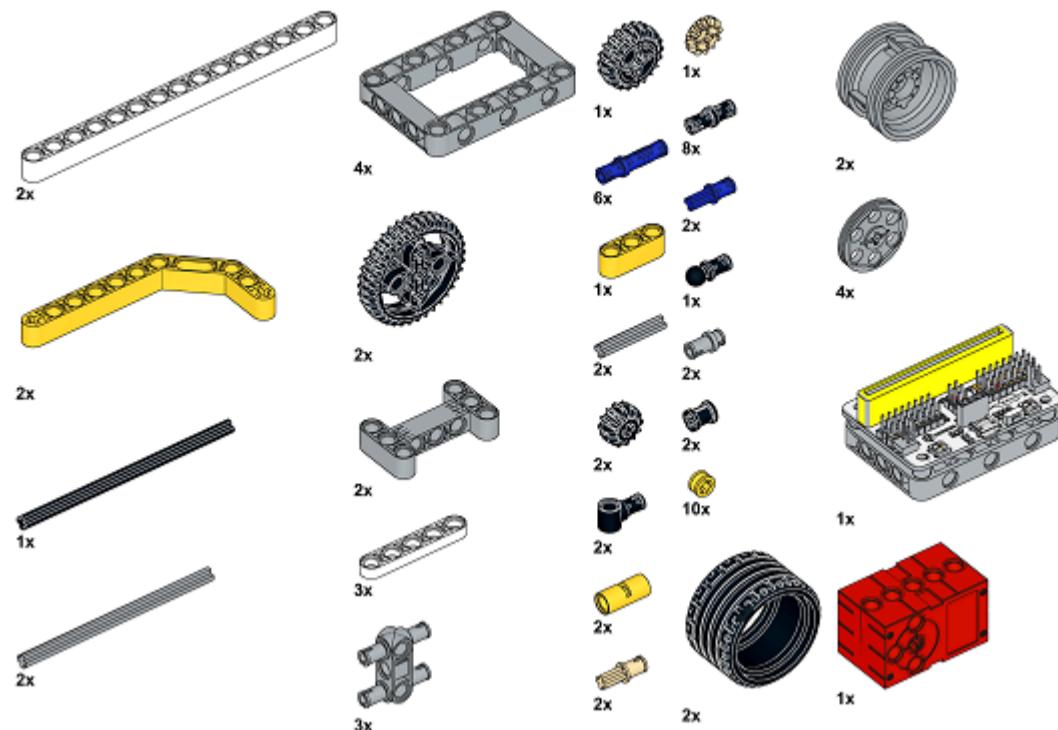
### 18.2. Link:

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[micro:bit Wonder Building Kit](#)

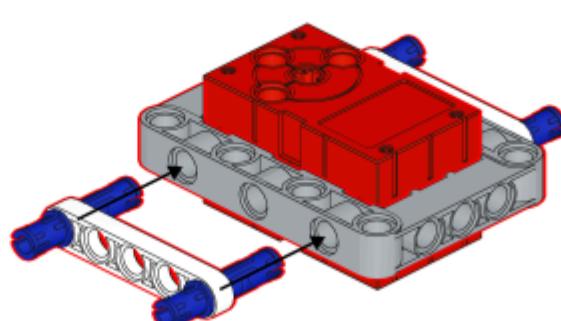
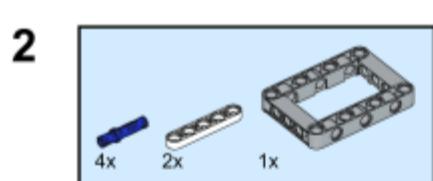
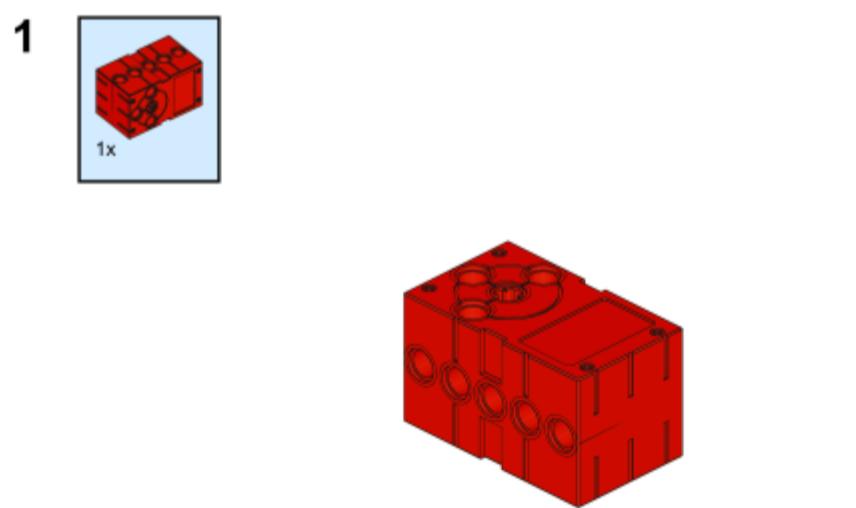
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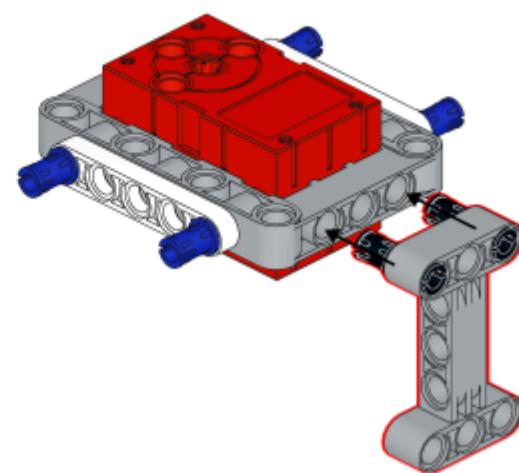
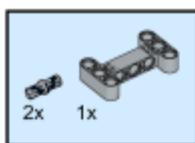
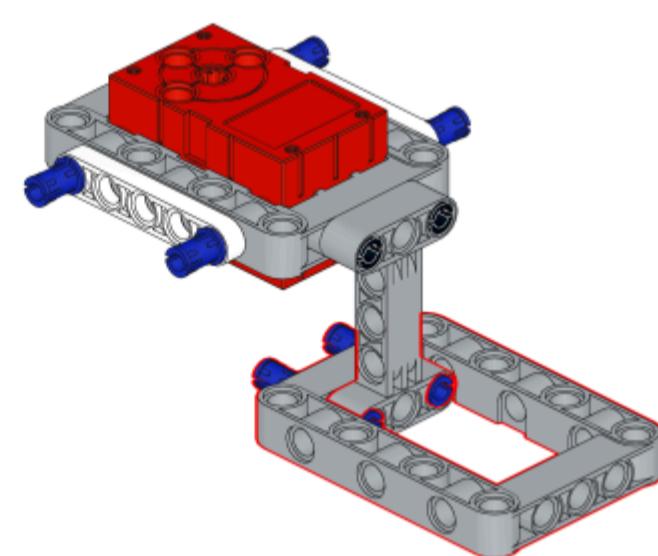
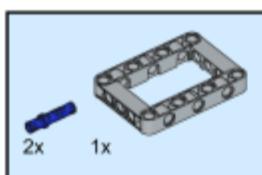
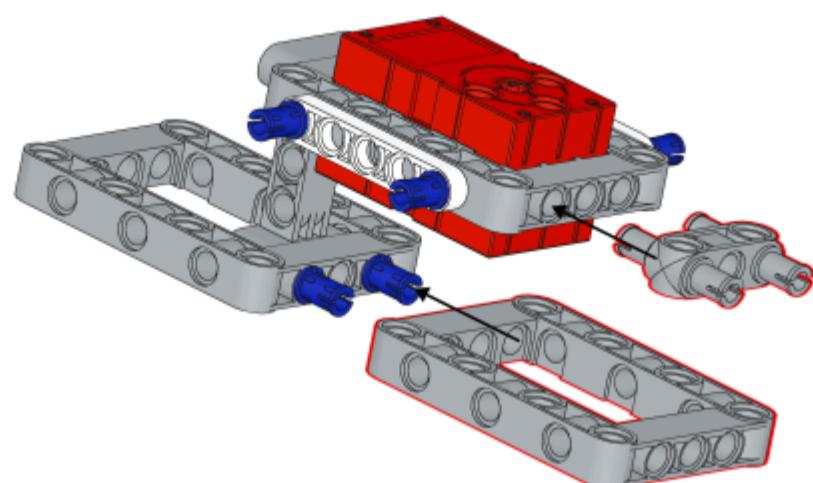
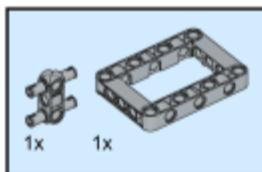
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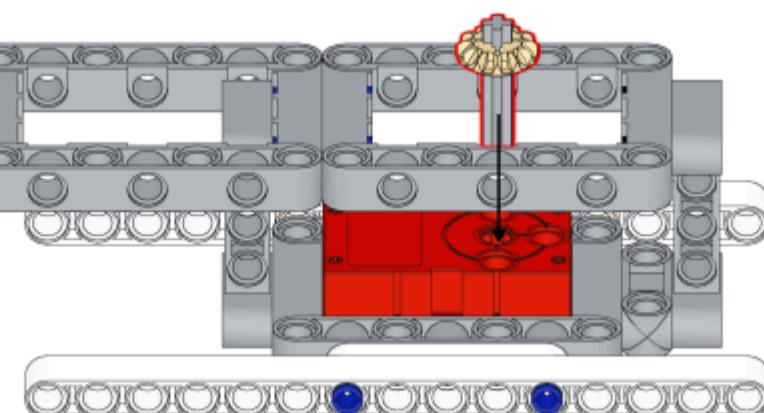
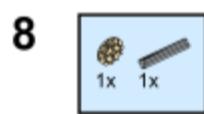
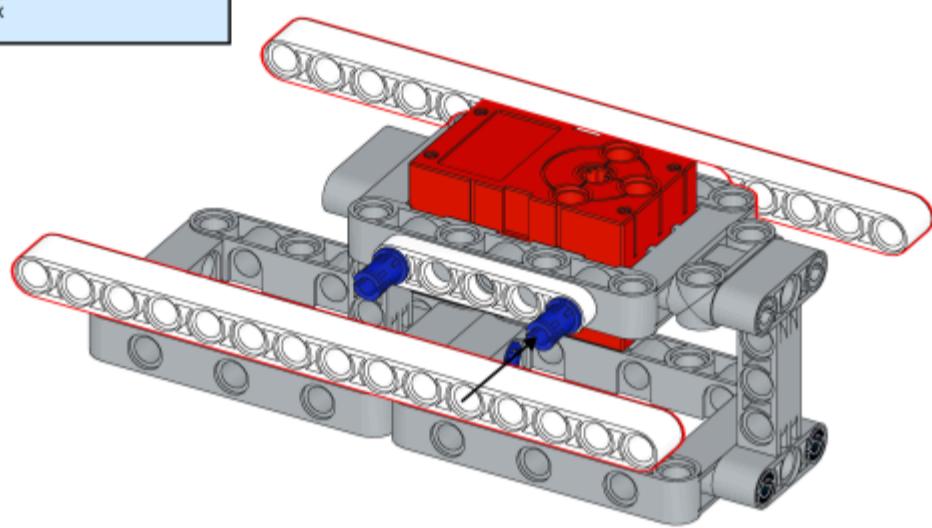
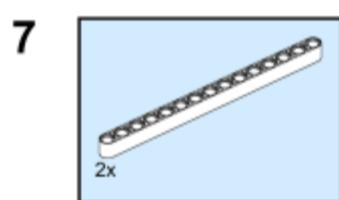
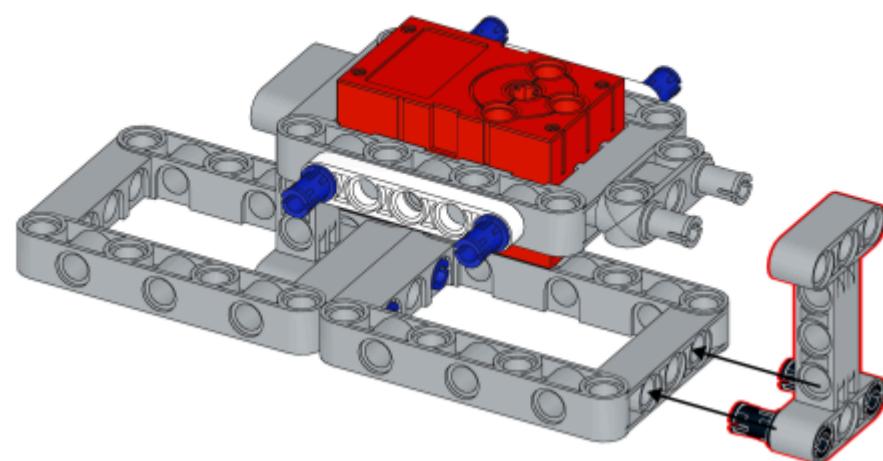
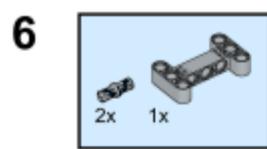


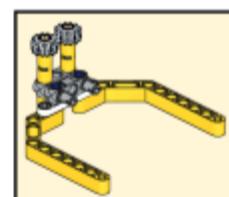
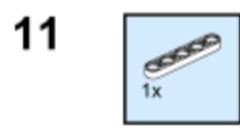
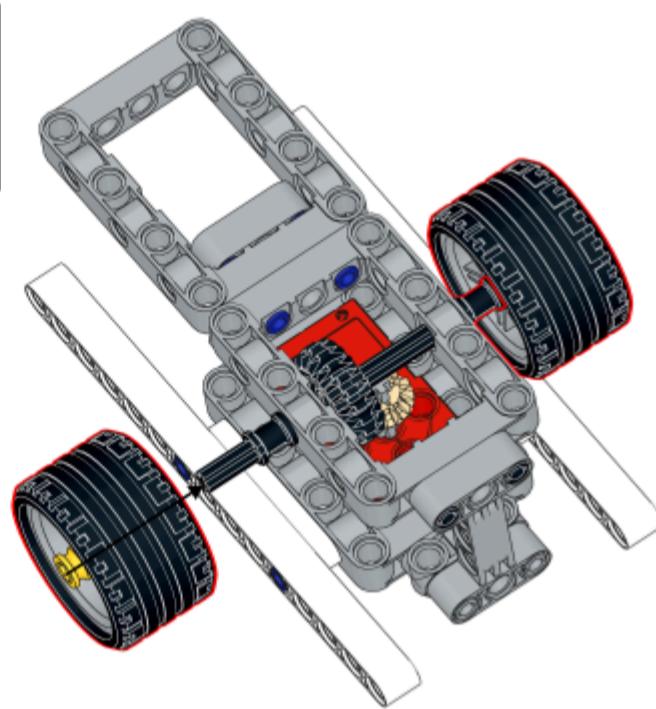
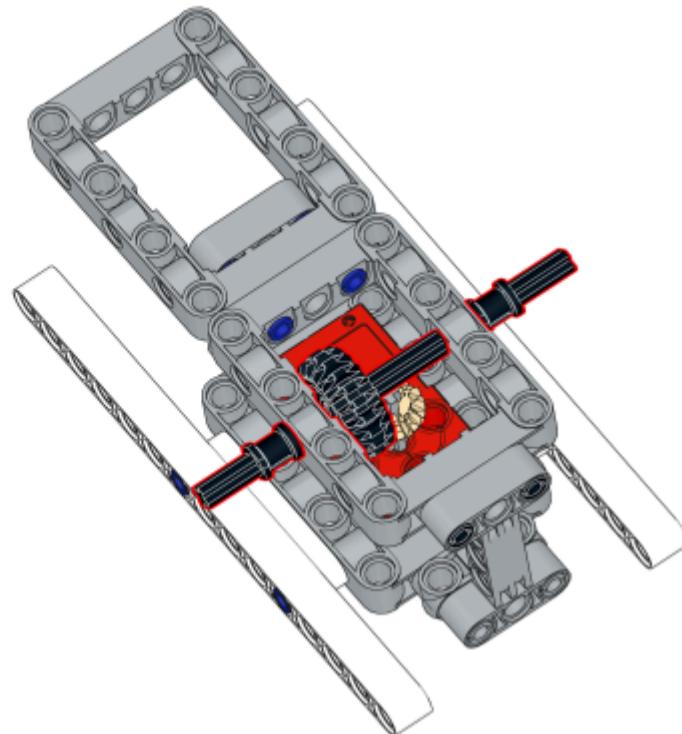
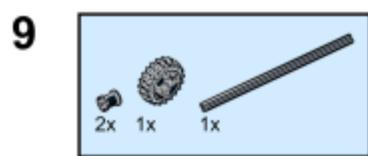
Video link: <https://youtu.be/kdY41mPGvRI>

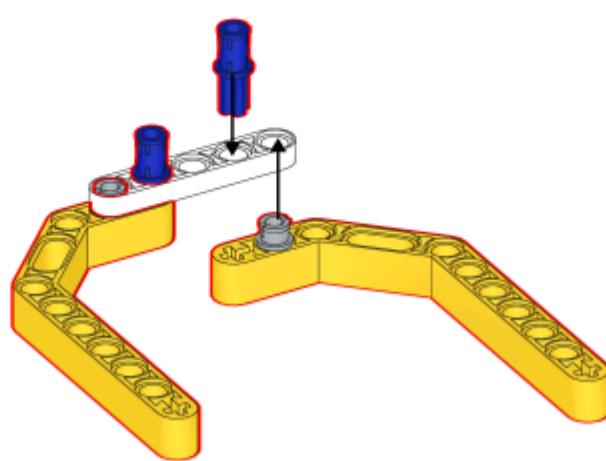
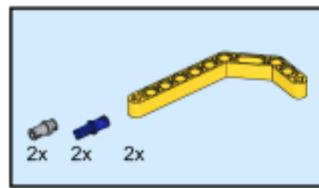
## 18.4. Bricks build-up



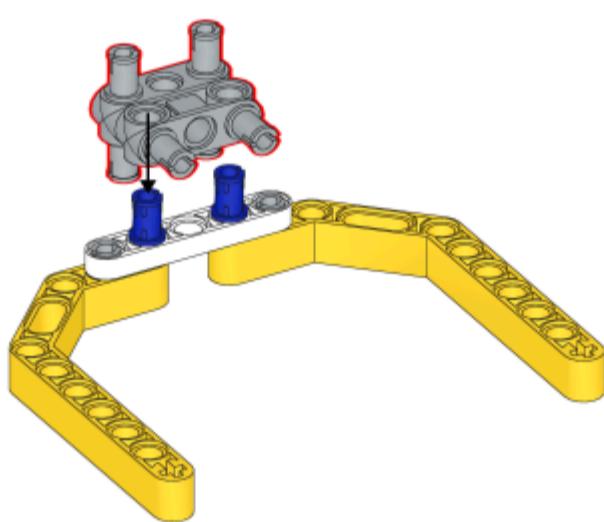
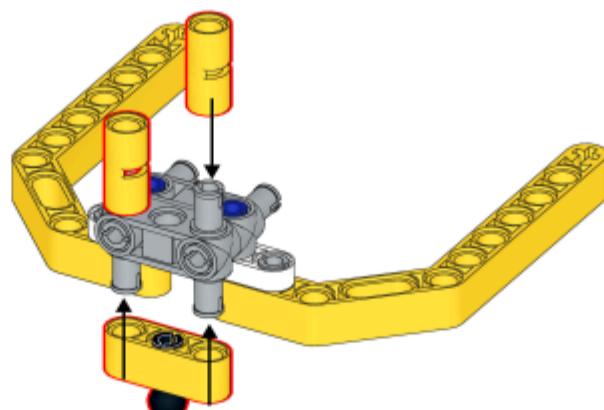
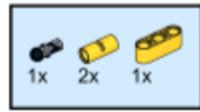
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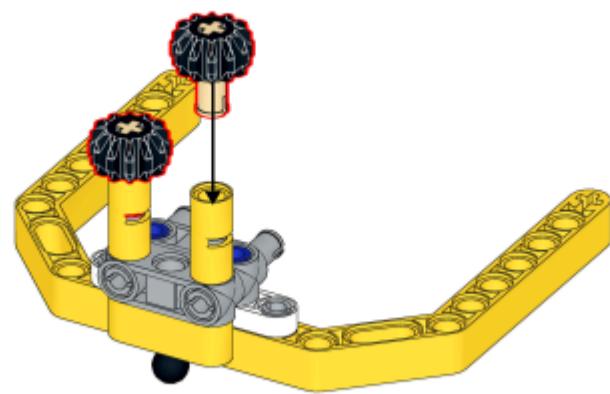
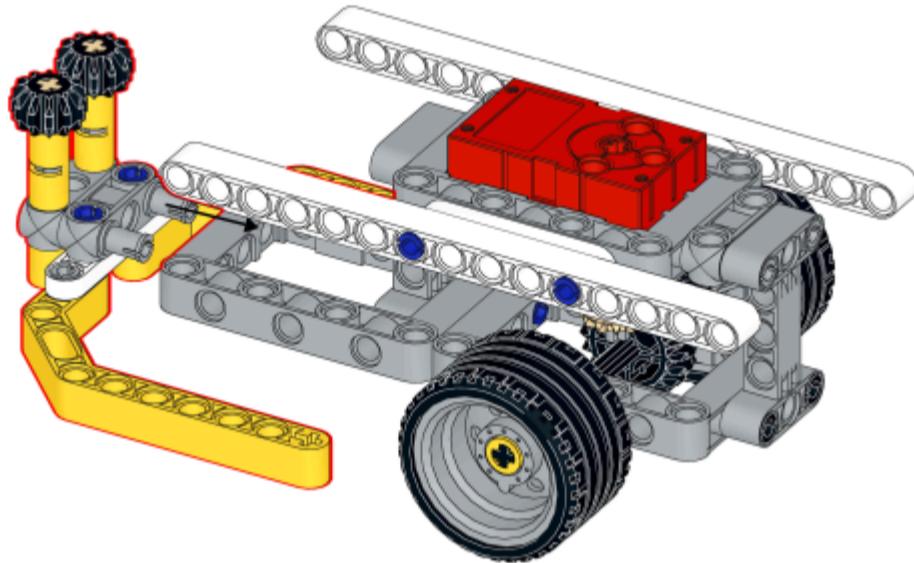
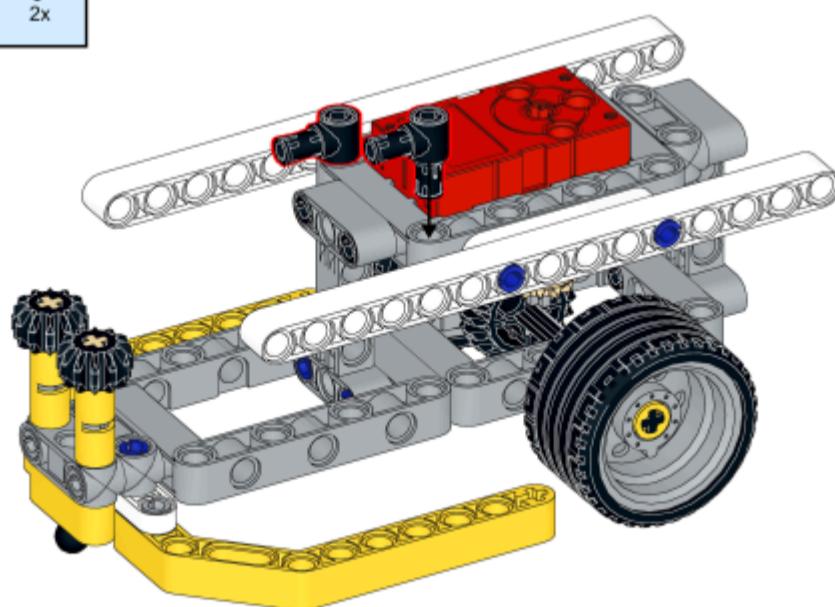
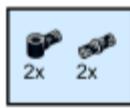


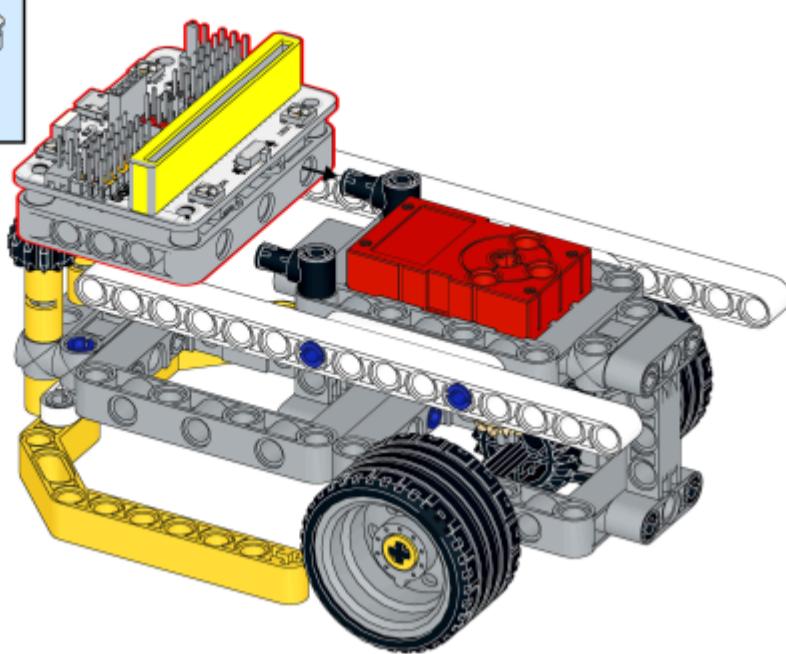
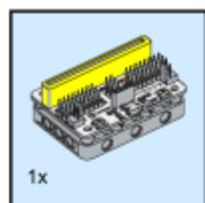
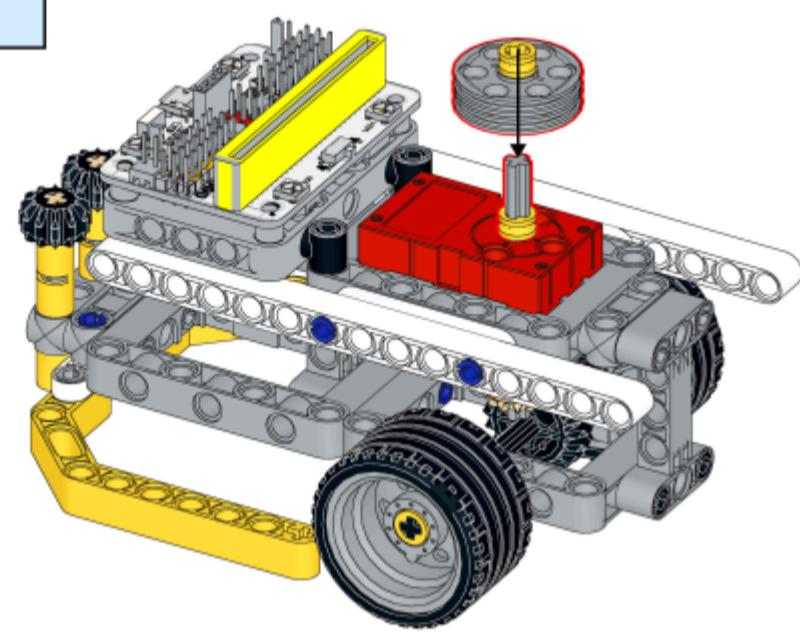
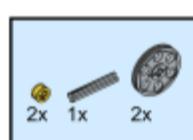
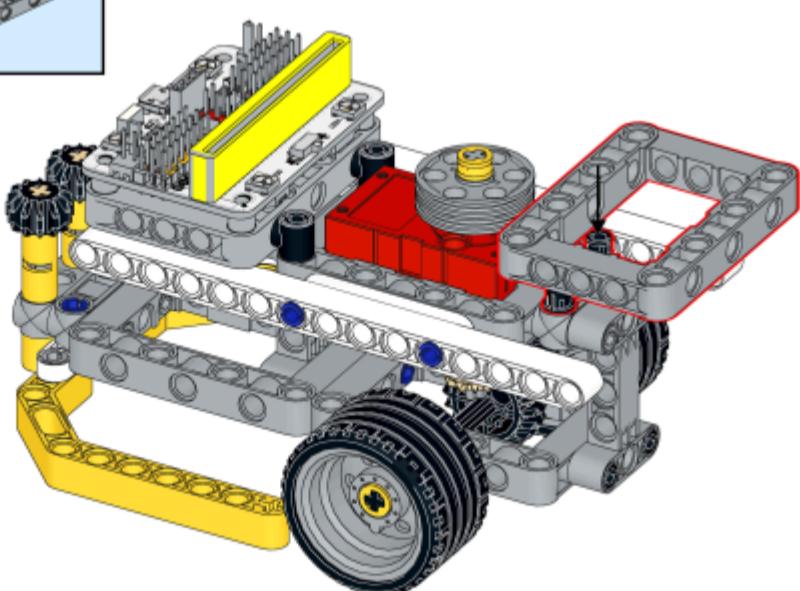
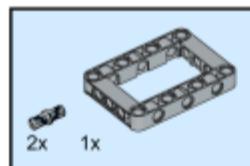


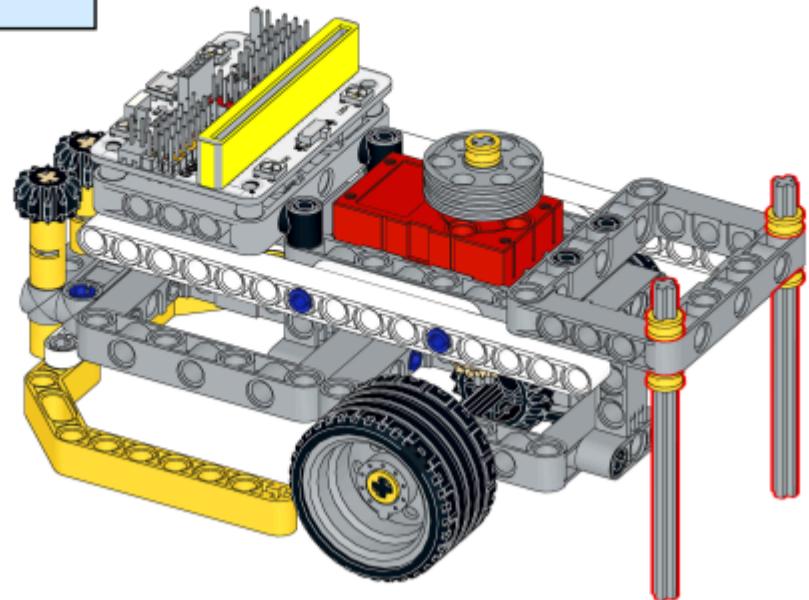
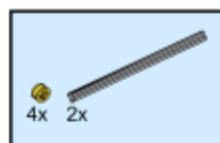
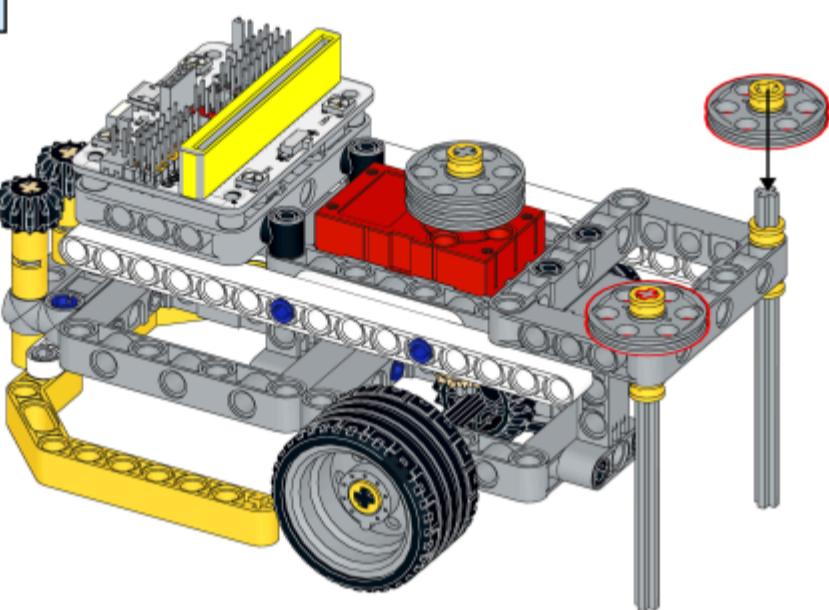
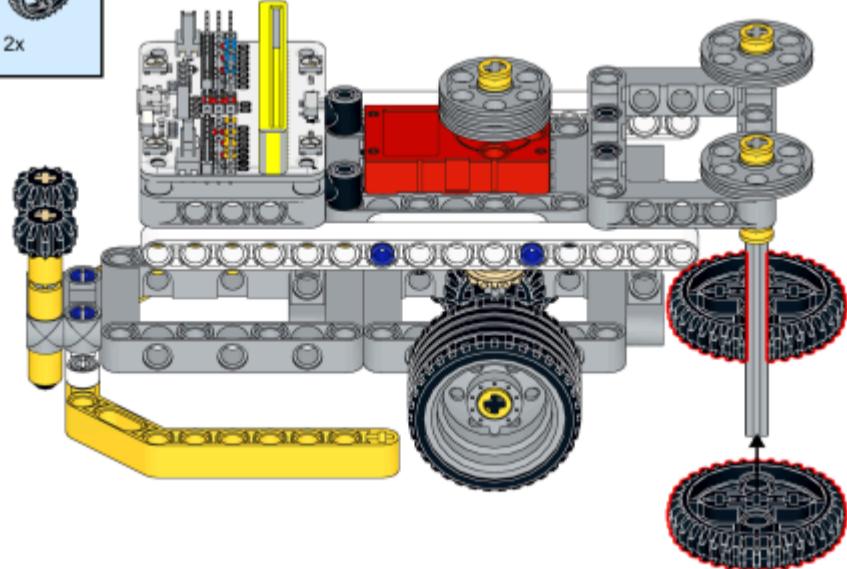
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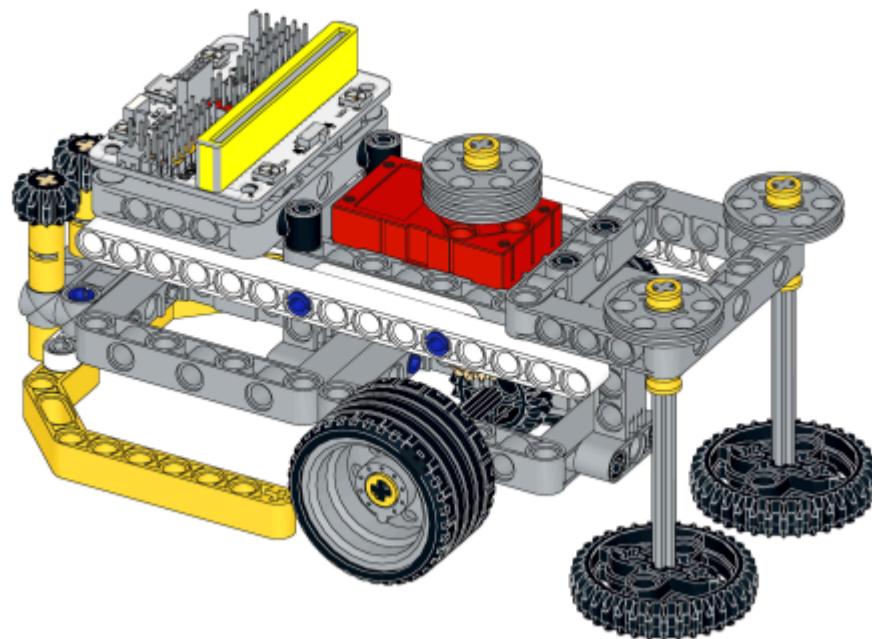
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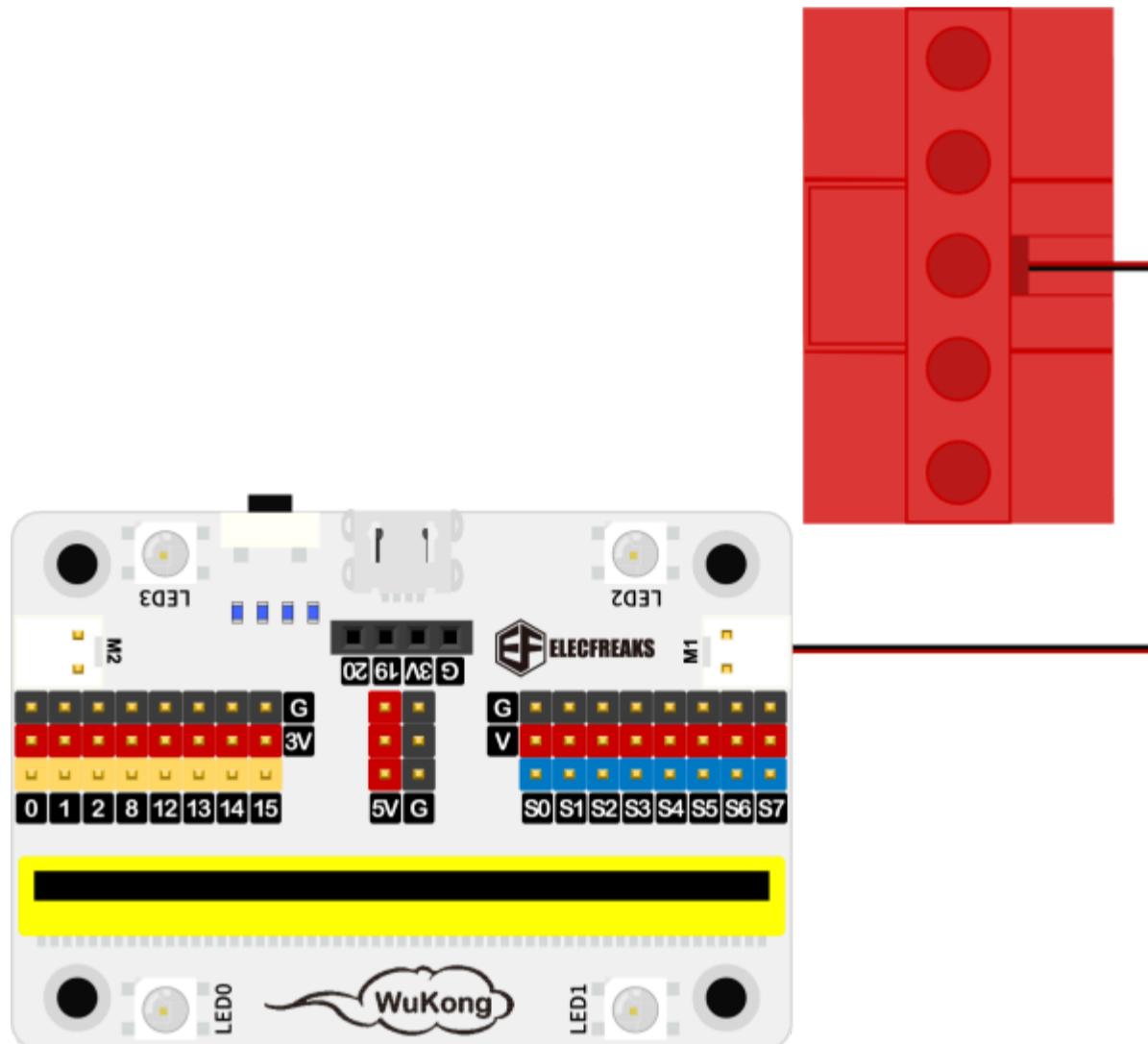
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## 18.5. Hardware Connection

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



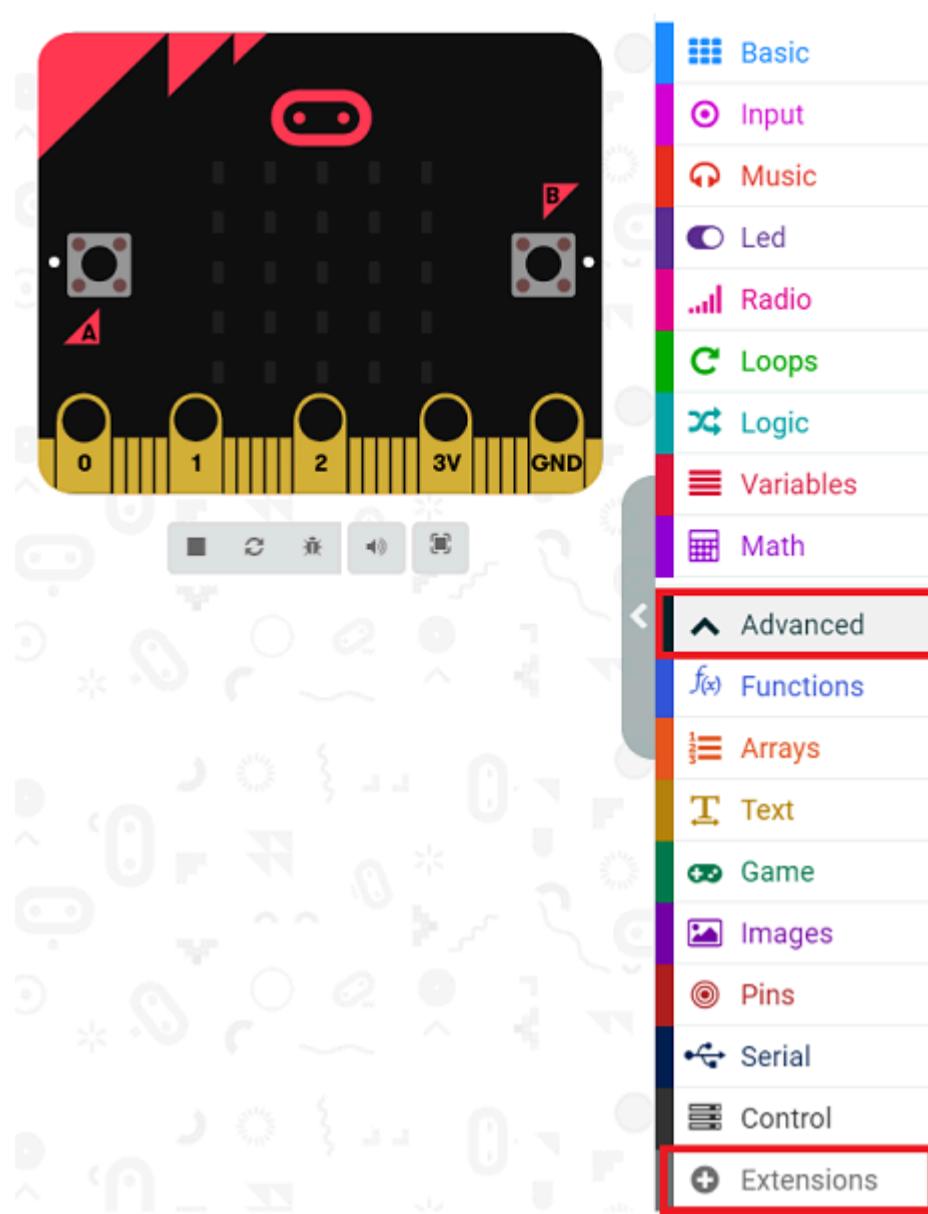
## 18.6. Software Platform

[MakeCode](#)

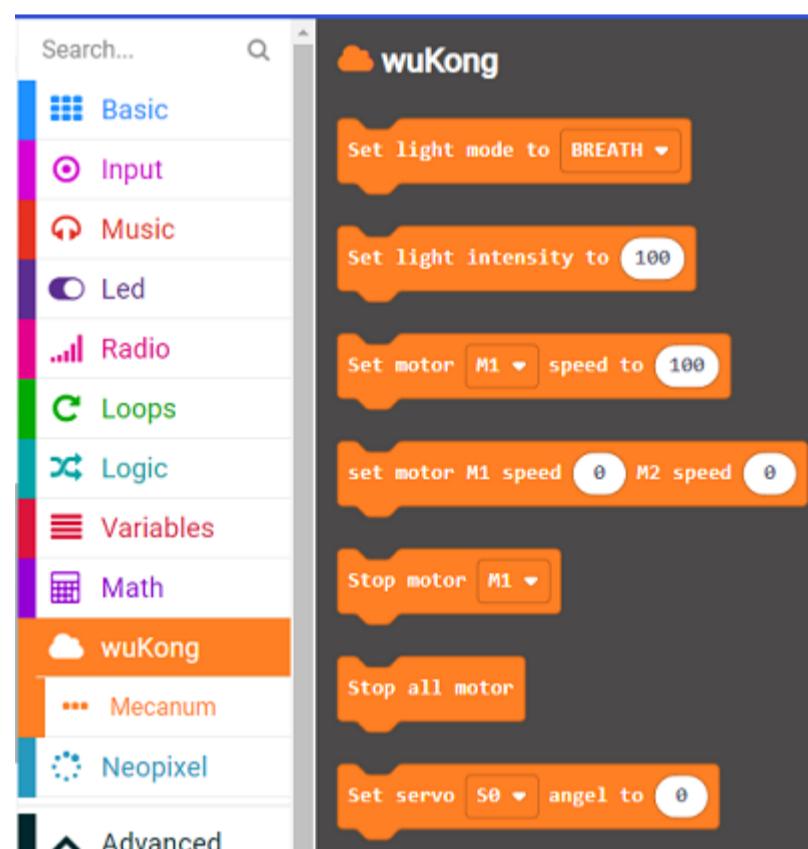
## 18.7. Coding

Add extensions

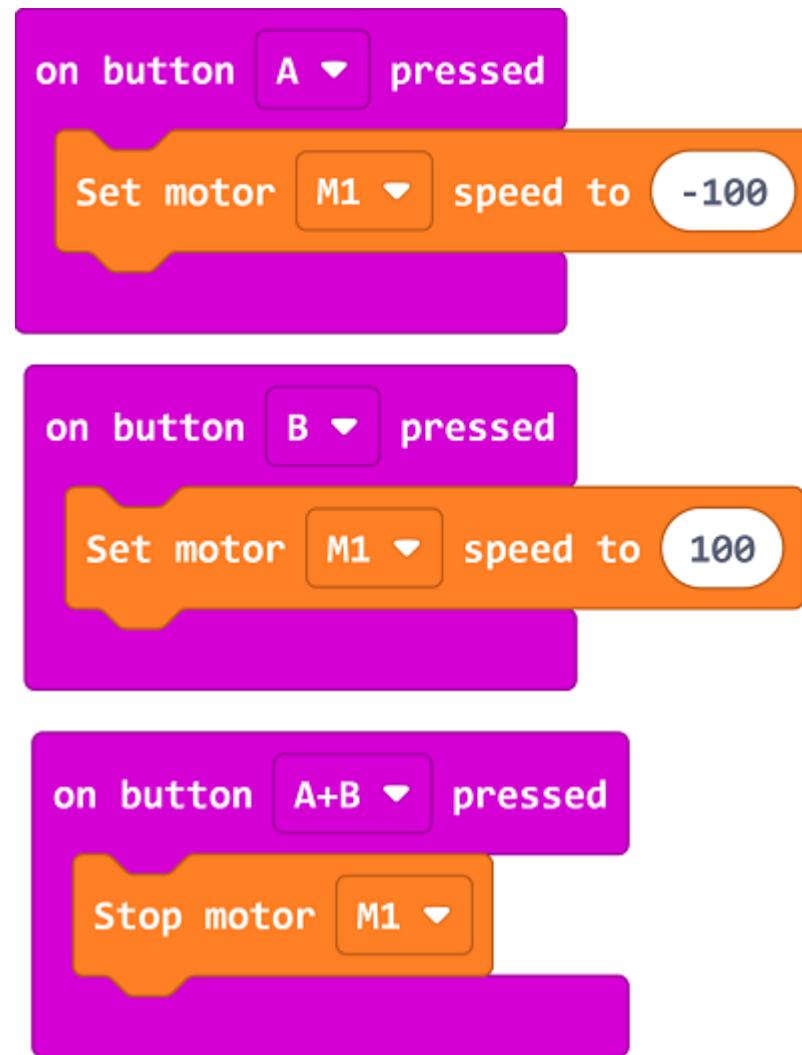
Click "Advanced" in the MakeCode to see more choices.



Search with Wukong in the dialogue box to download it.



## Program



Link:[https://makecode.microbit.org/\\_18WVrTE5LTzb](https://makecode.microbit.org/_18WVrTE5LTzb)

## Result

When button A is pressed, the sweeper moves forward and starts sweeping, when button B is pressed, the sweeper stops moving and ends sweeping.

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By ELECFREAKS Team

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