

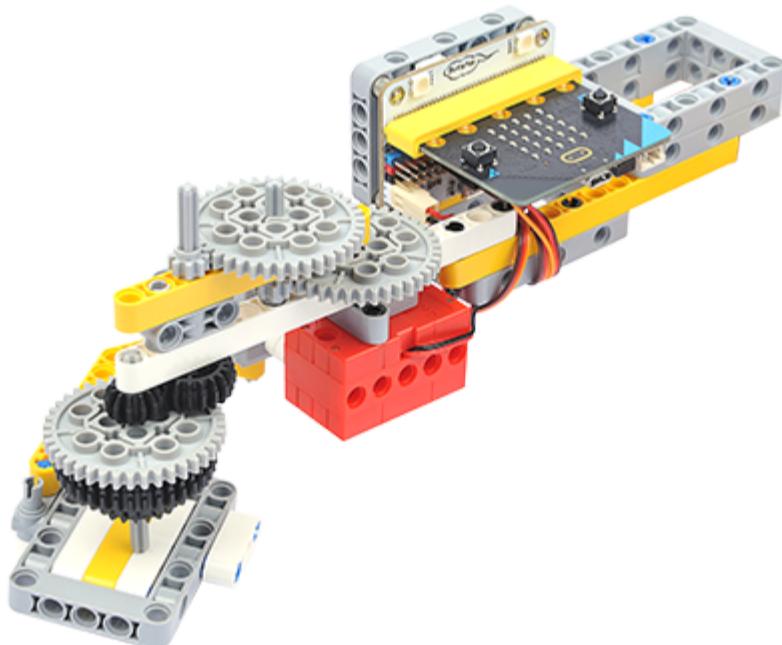
Case 24: The Top Emitter

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26.1. Purpose

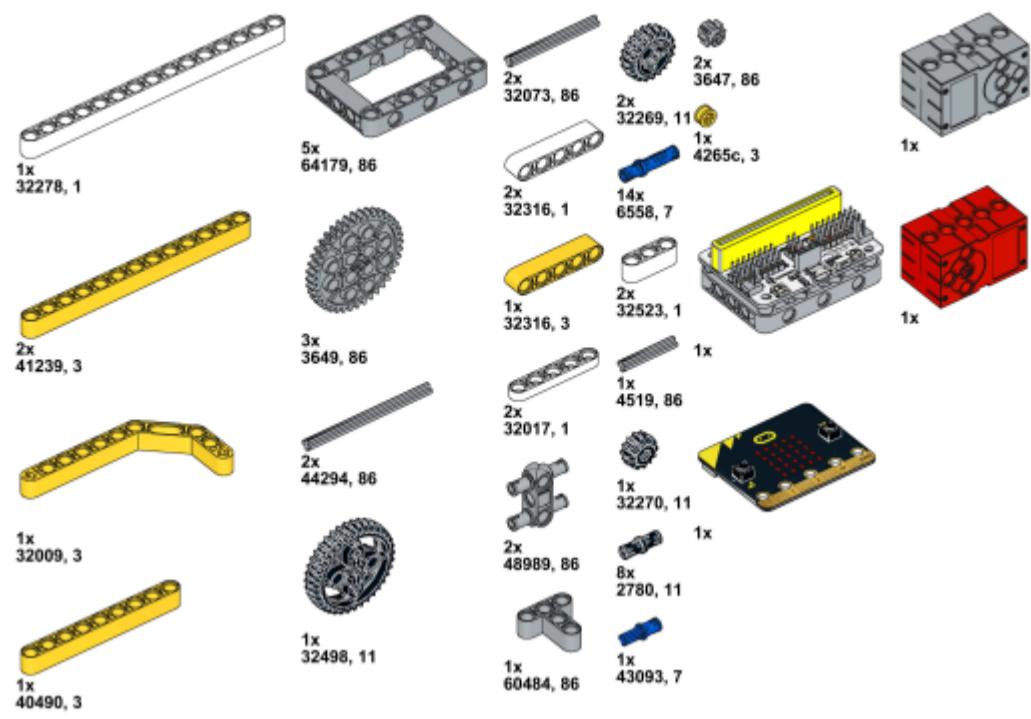
Make a top emitter.



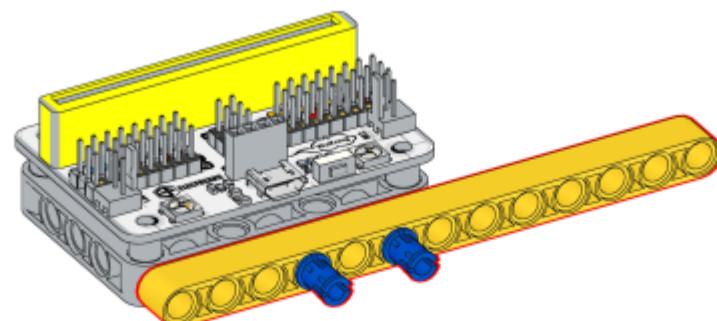
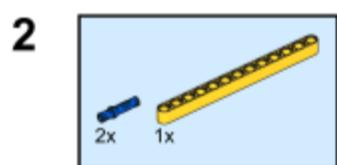
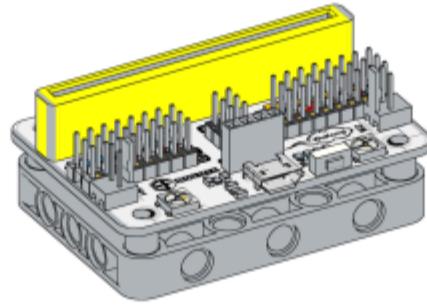
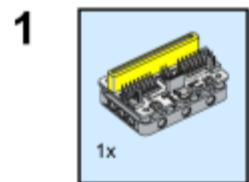
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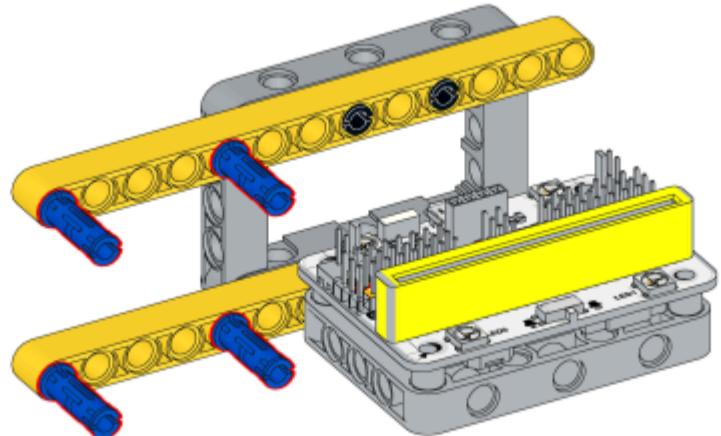
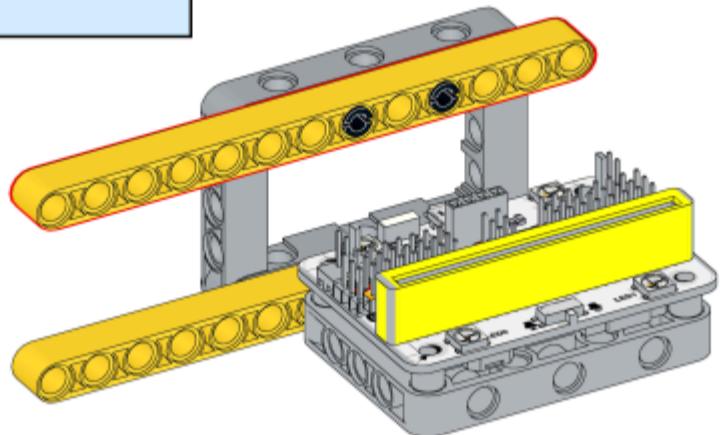
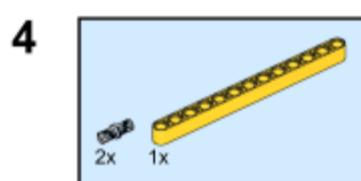
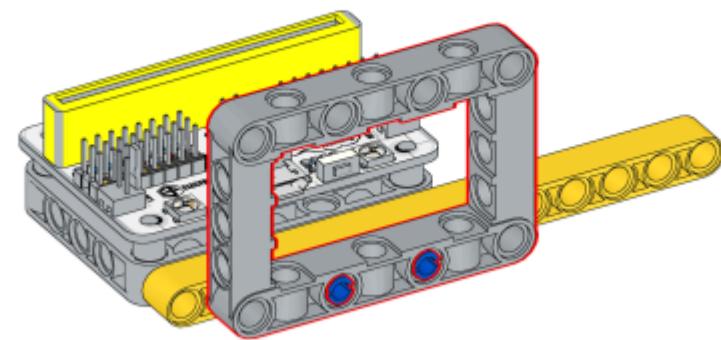
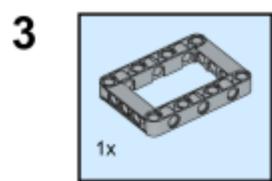
[micro:bit Wonder Building Kit](#)

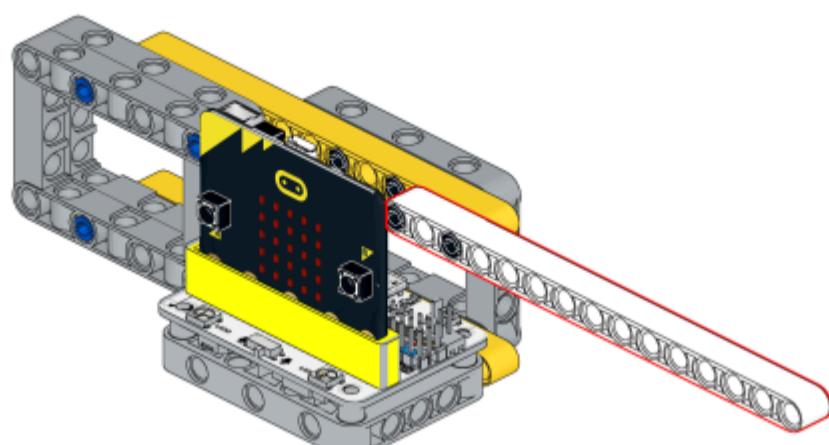
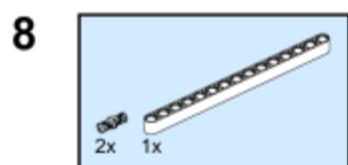
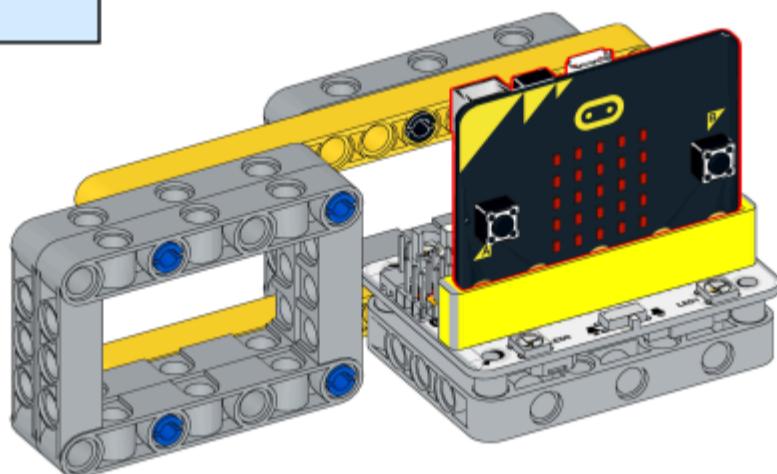
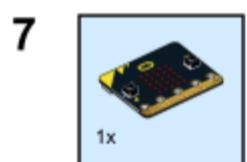
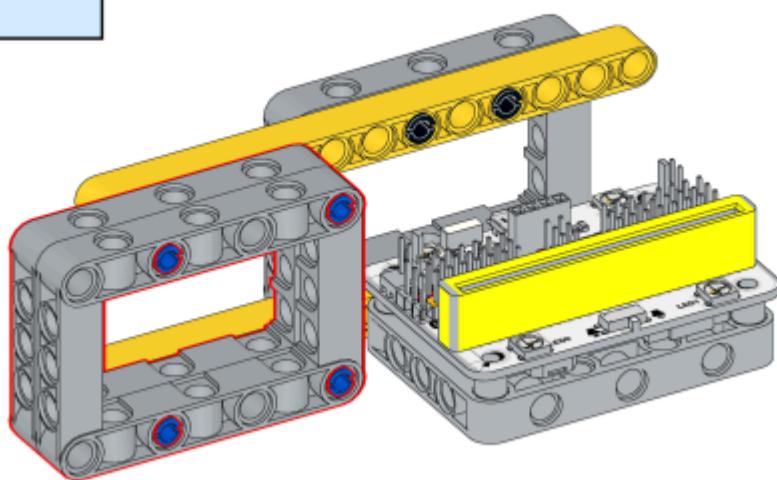
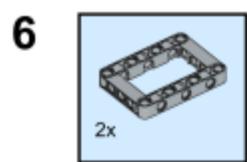
26.3. Materials Required

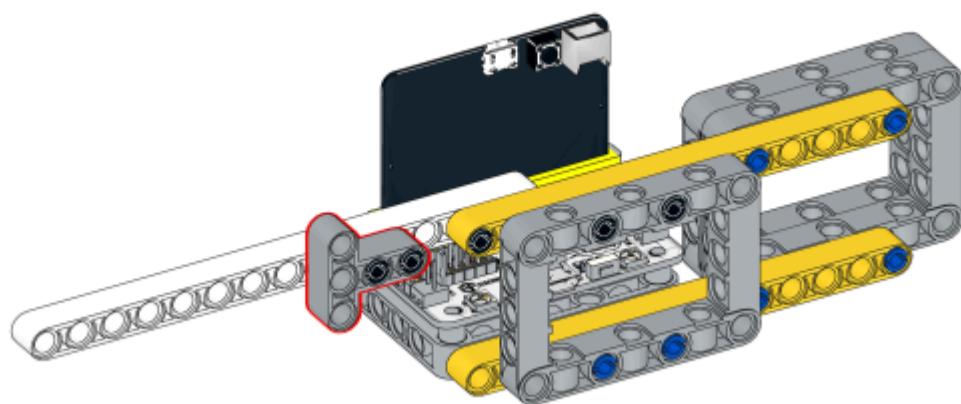
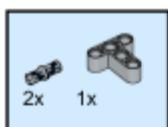
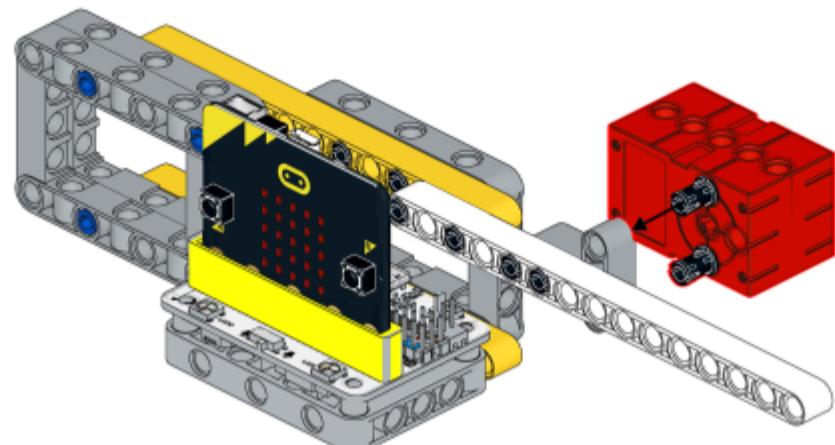
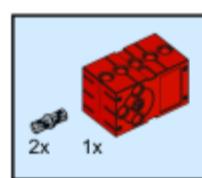
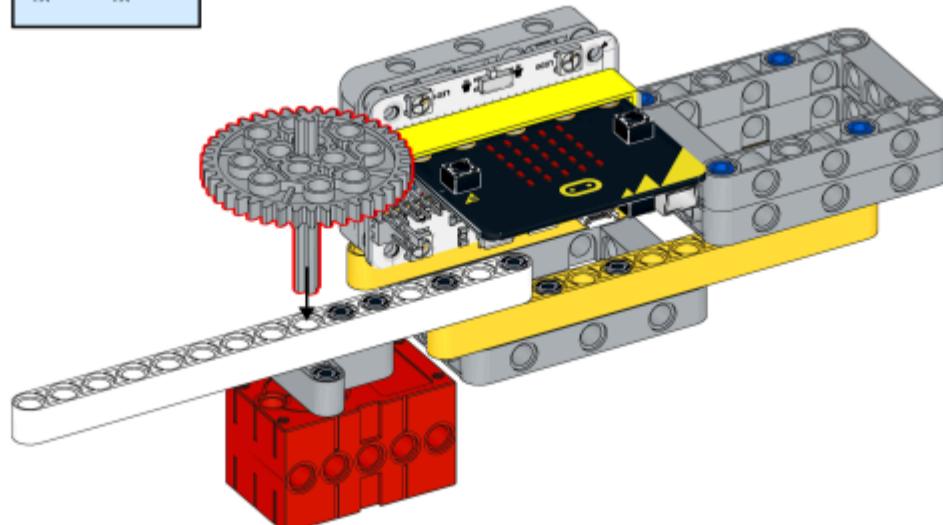
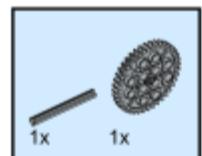


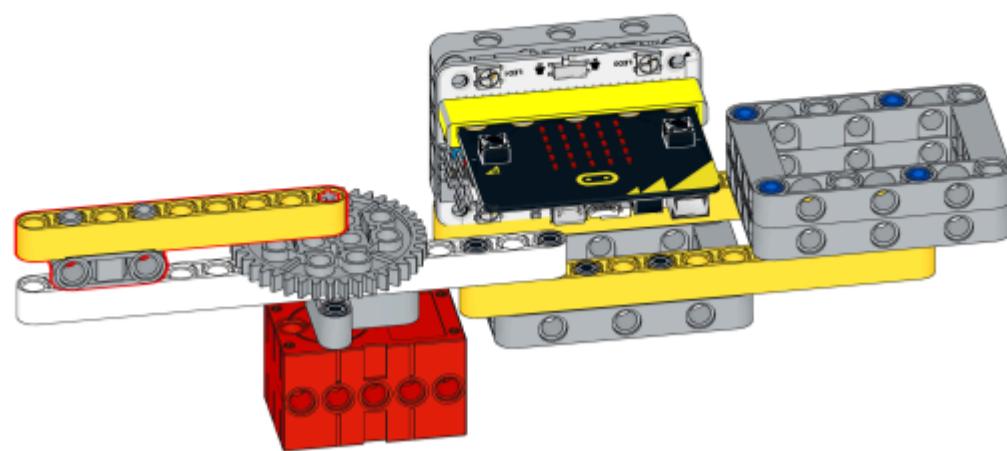
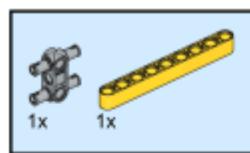
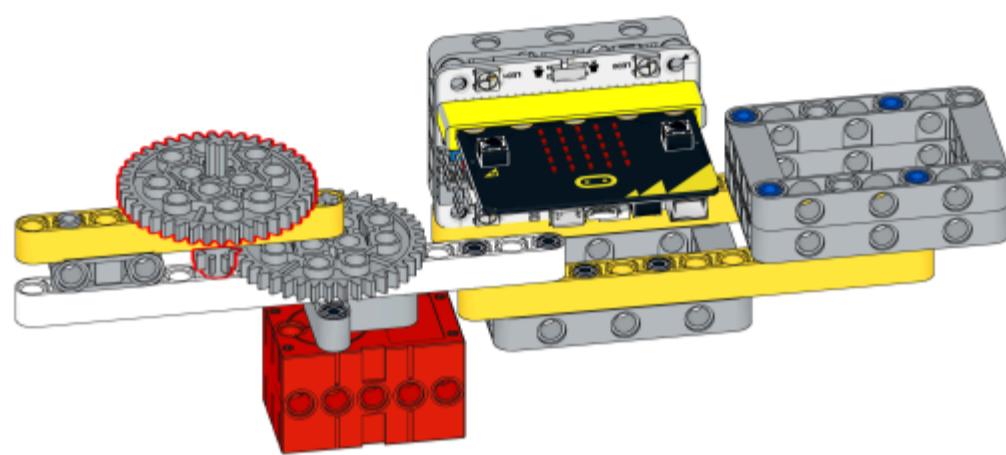
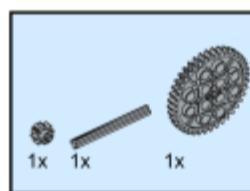
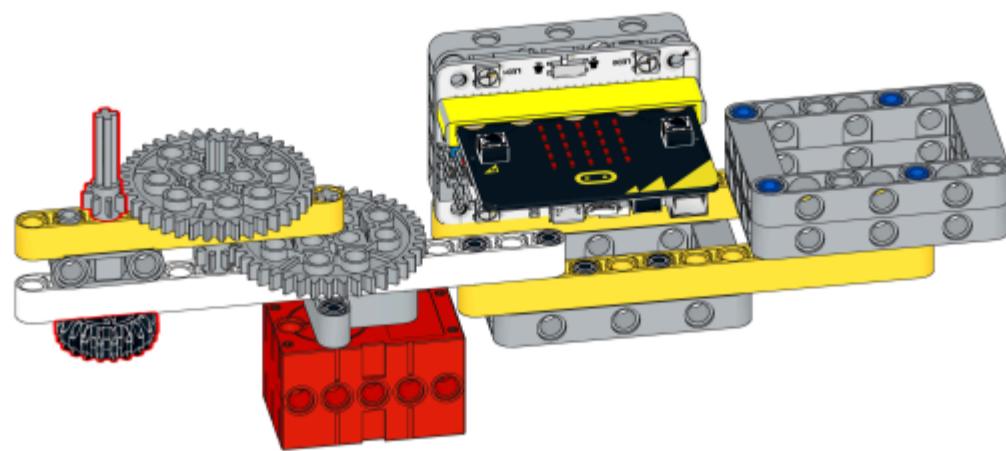
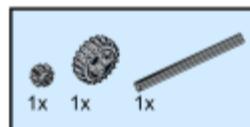
26.4. Bricks build-up

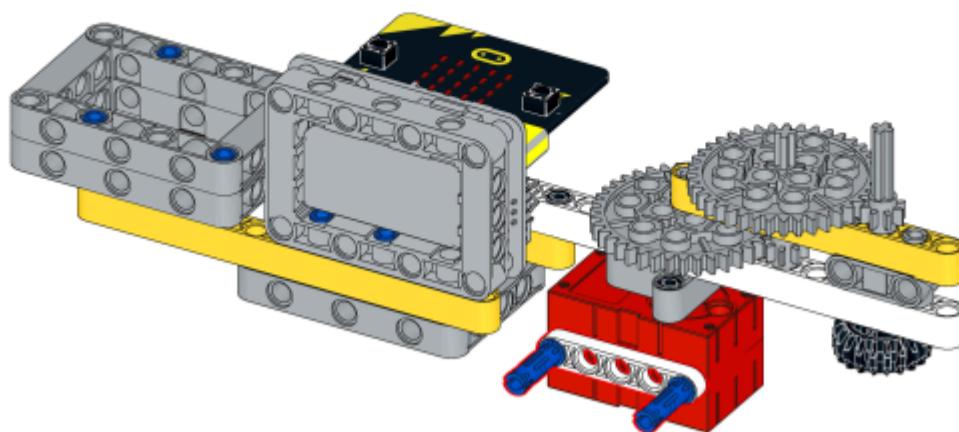
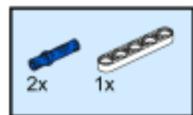
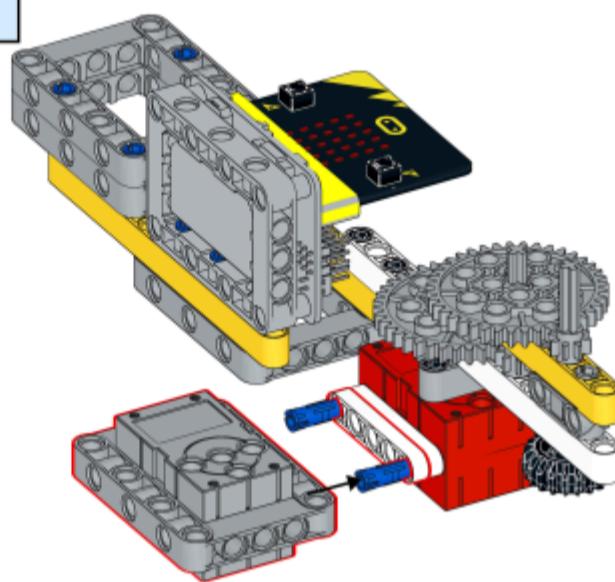
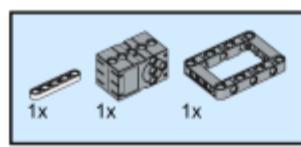
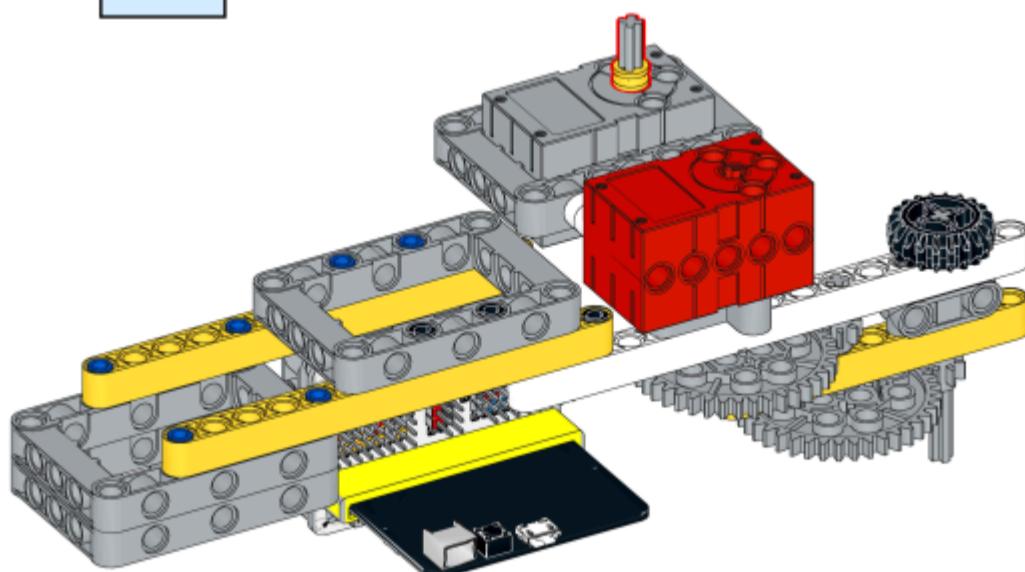
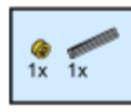


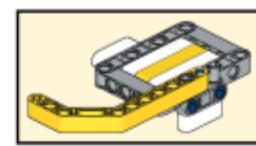
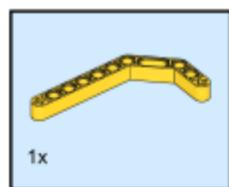
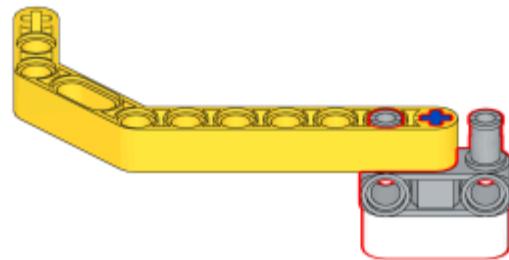
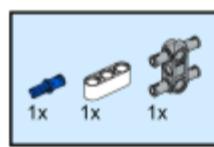
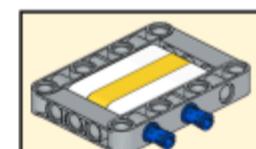
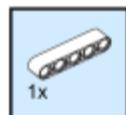


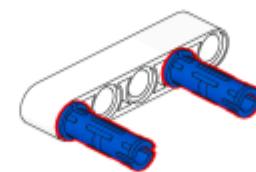
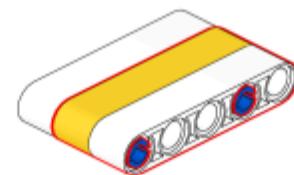
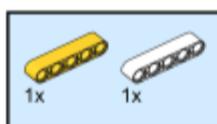
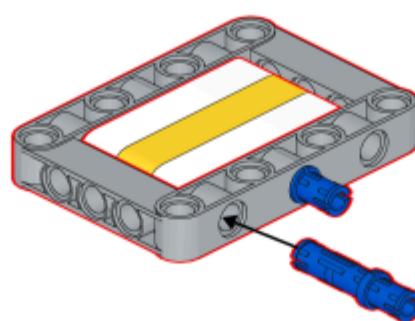
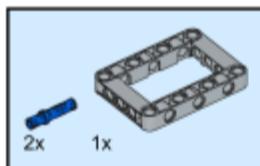


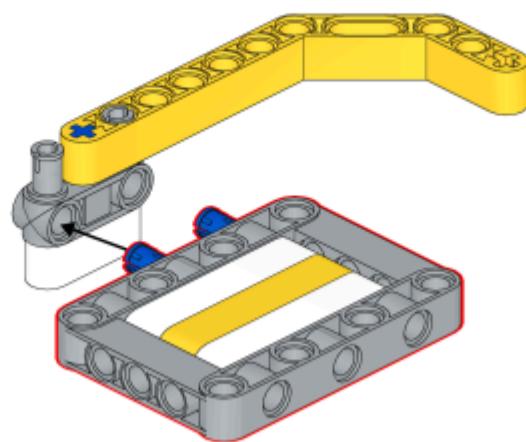
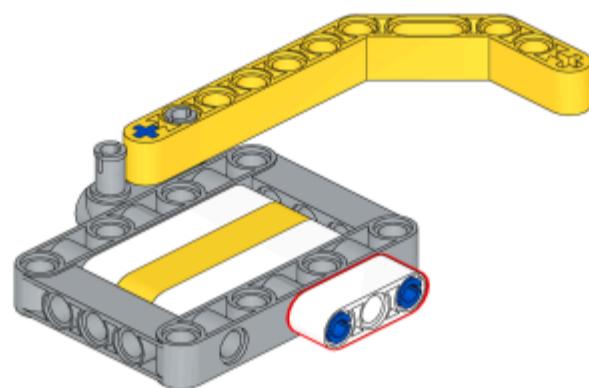
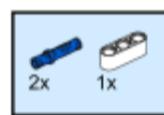
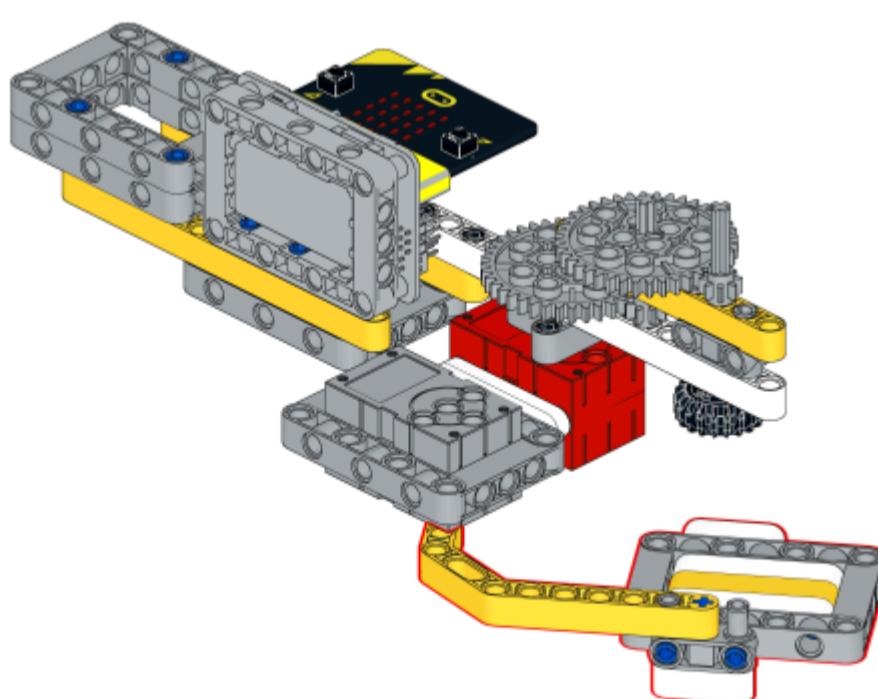
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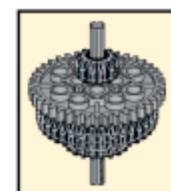
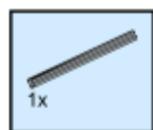
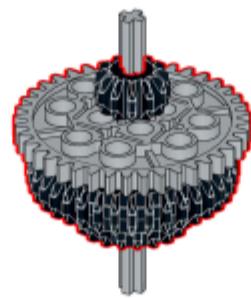
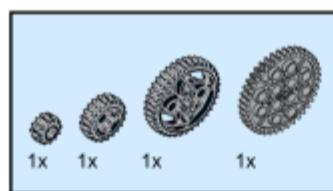
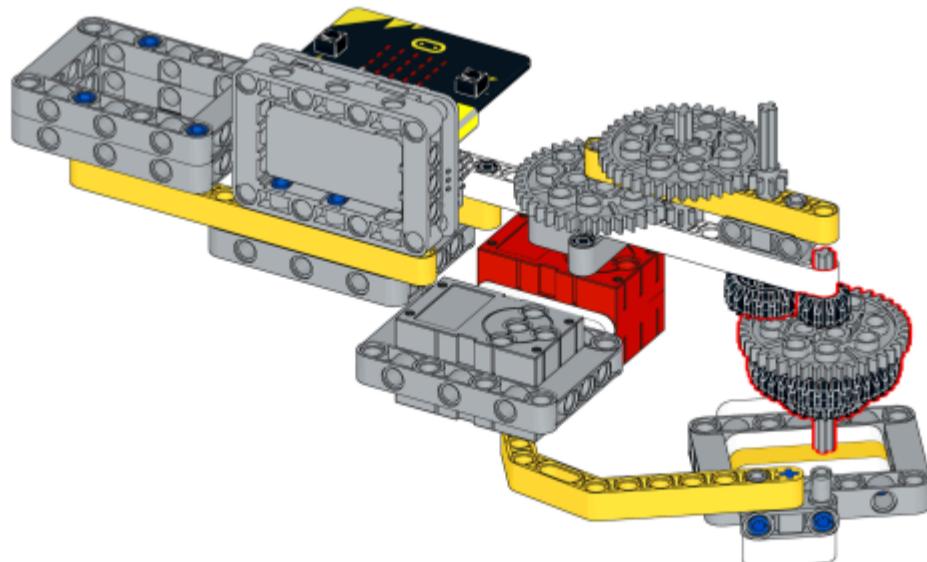
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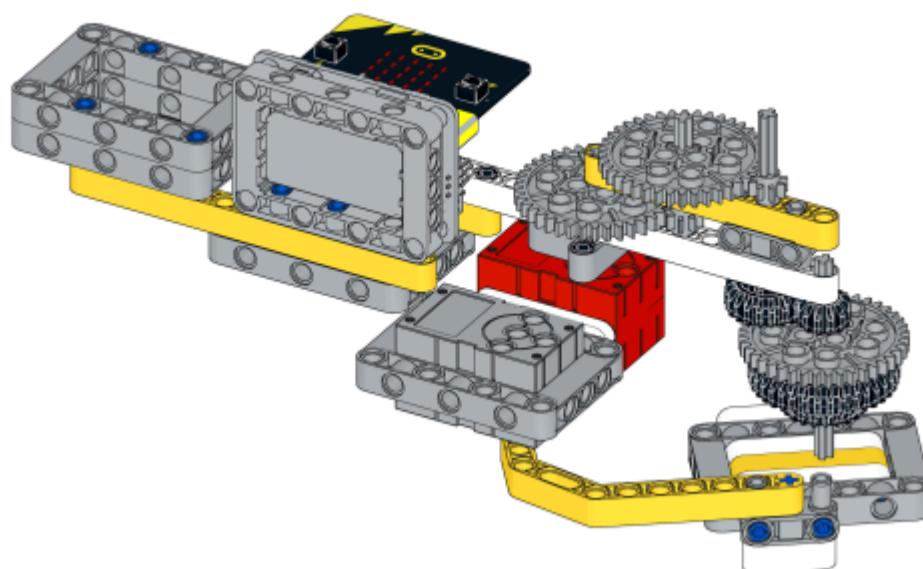
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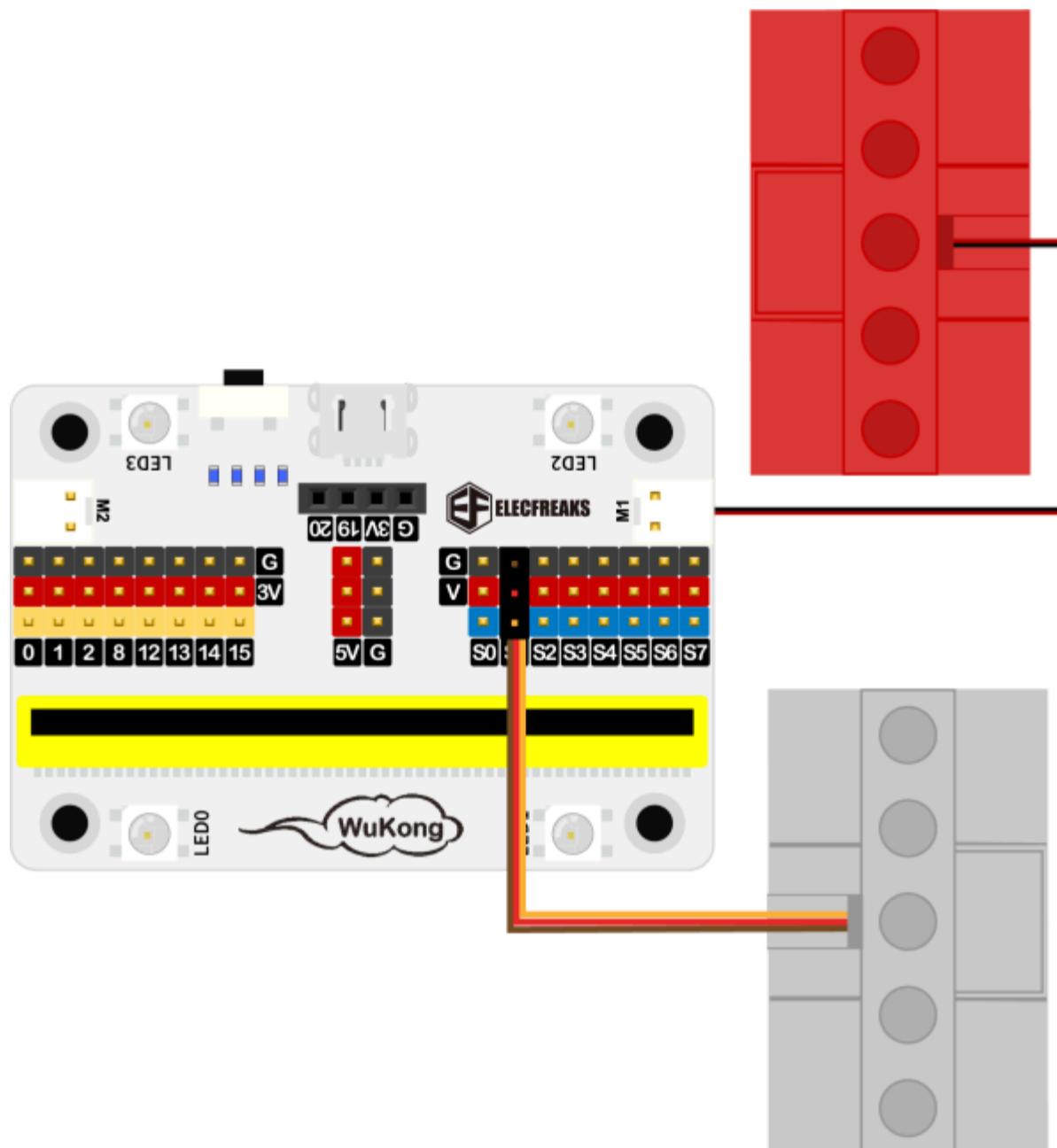
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27**28****29**

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26.5. Hardware Connection

Connect a [motor](#) to M1, and the [servo](#) to S1 ports on [Wukong breakout board](#).



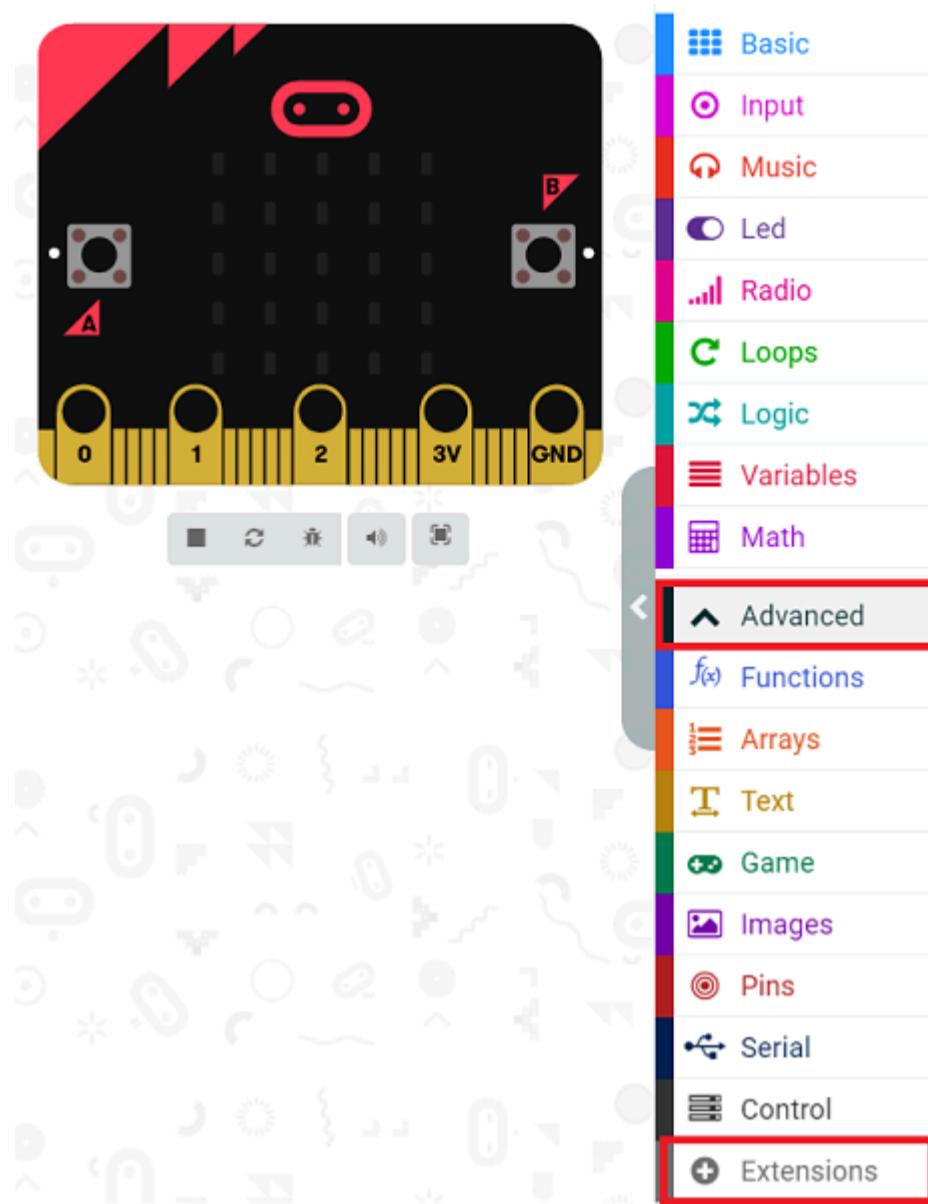
26.6. Software Platform

[MakeCode](#)

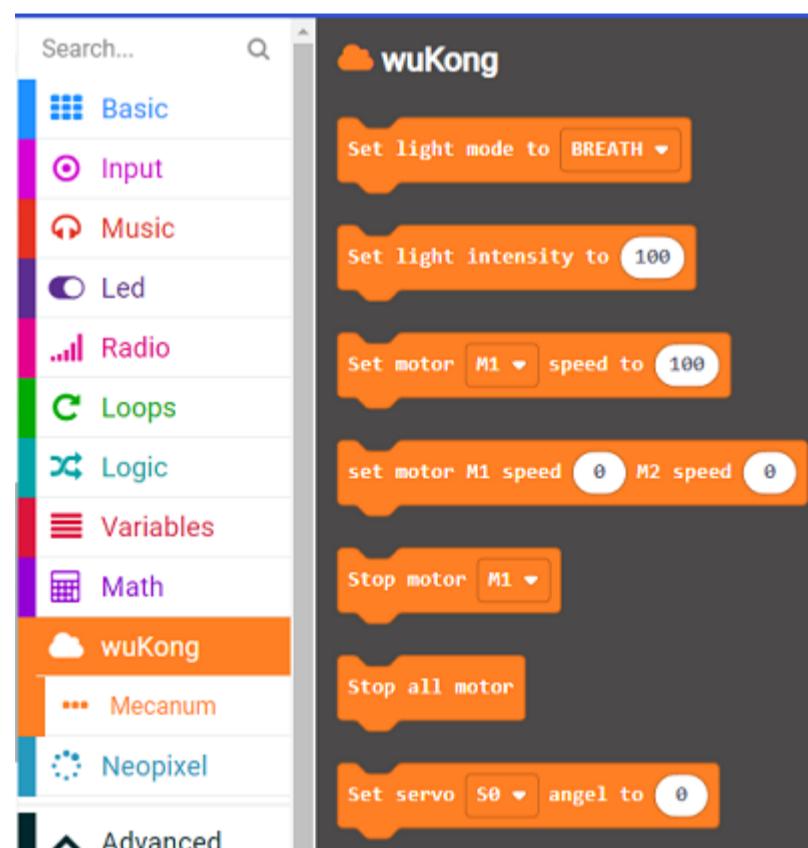
26.7. Coding

Add extensions

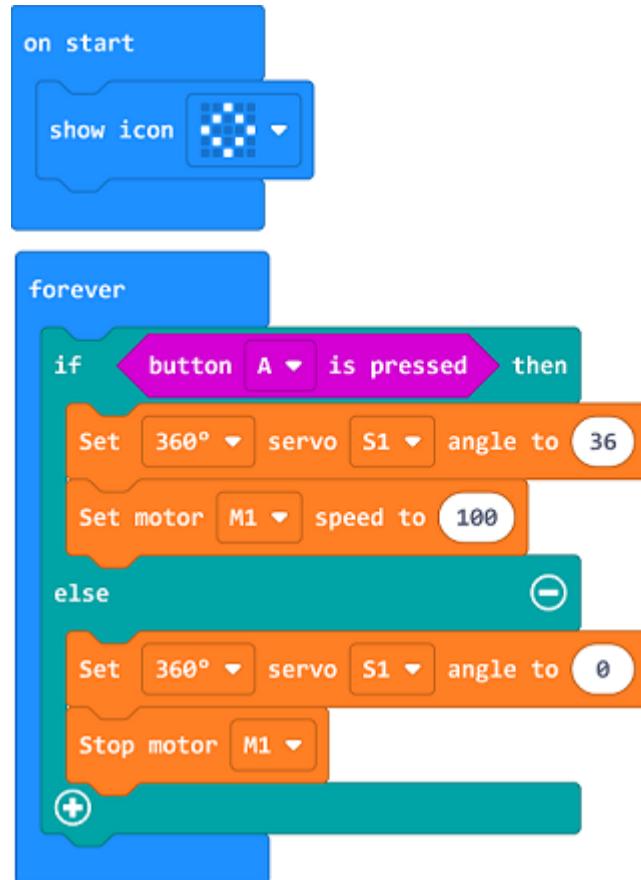
Click “Advanced” in the MakeCode to see more choices.



Search with Wukong in the dialogue box to download it.



Program



Link:https://makecode.microbit.org/_Vw1agAfMAccF

Result

Place the gyro in the acceleration position, when the button A is pressed (long press) , the bottom baffle will support the small gyro on the baffle to accelerate the rotation; release the A button, the bottom baffle will move to the right, and the gyro falls off, then the motor will stop rotating.

By ELECFREAKS Team

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