

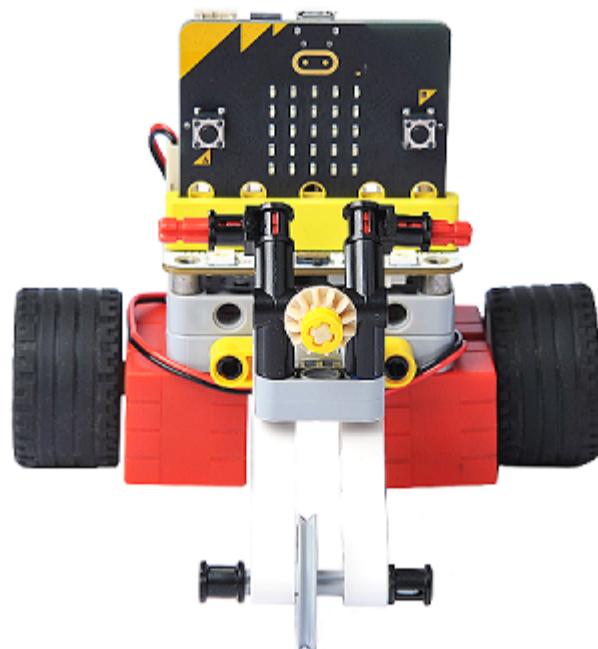
Case 01: The Motorcycle

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3.1. Purpose

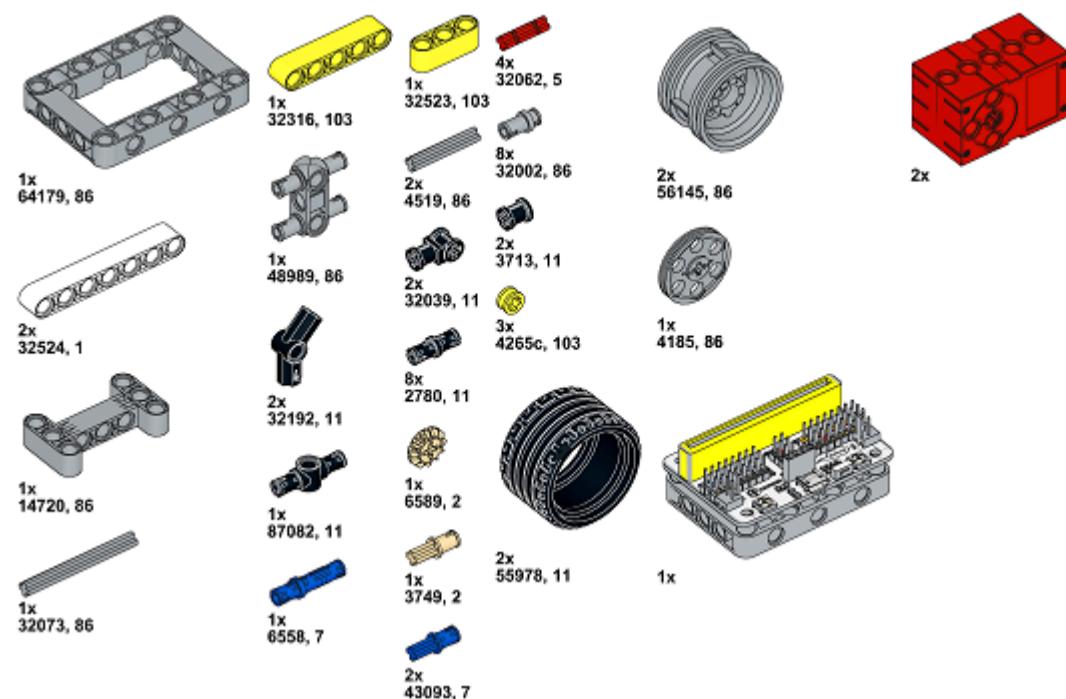
To make a motorcycle with the Wonder Building kit.



3.2. Link

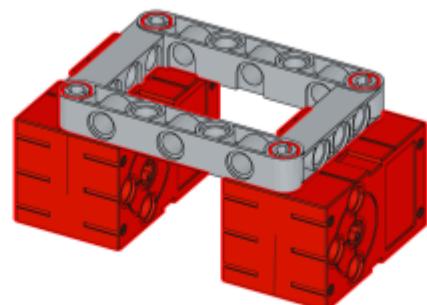
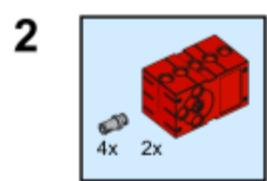
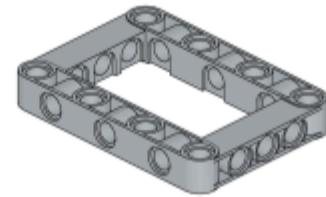
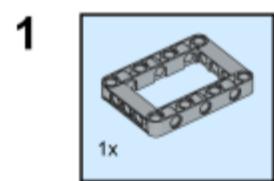
[micro:bit Wonder Building Kit](#)

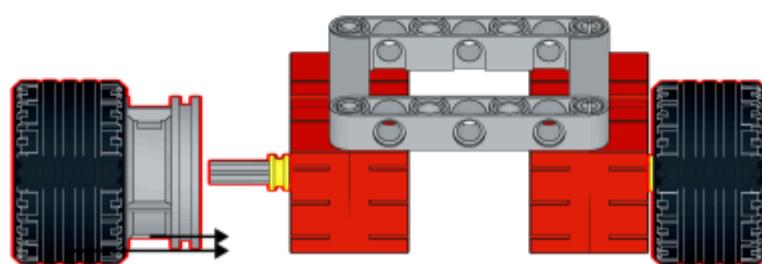
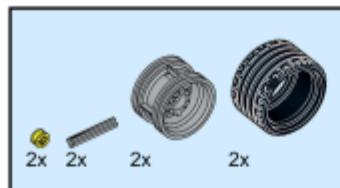
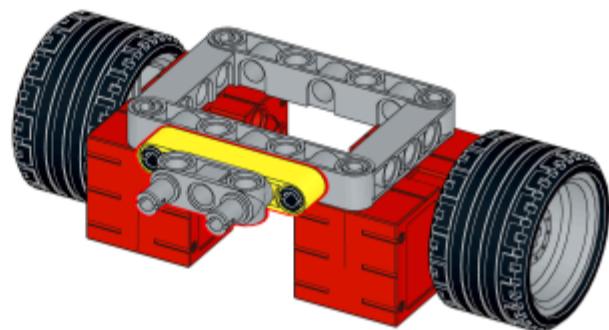
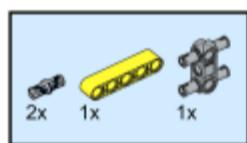
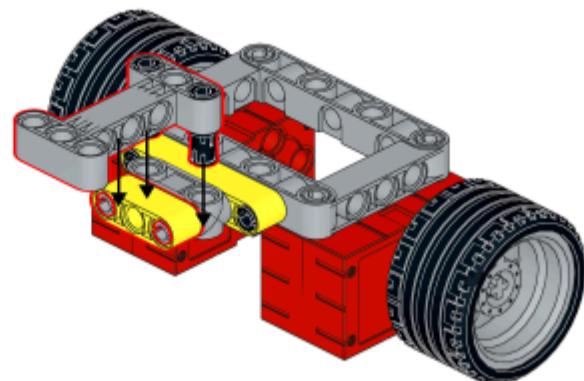
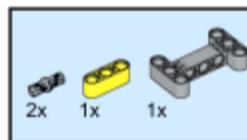
3.3. Materials Required

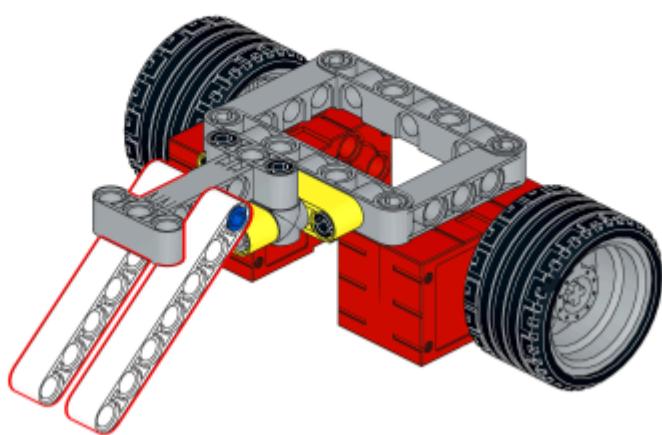
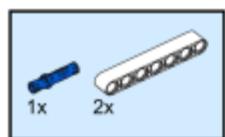
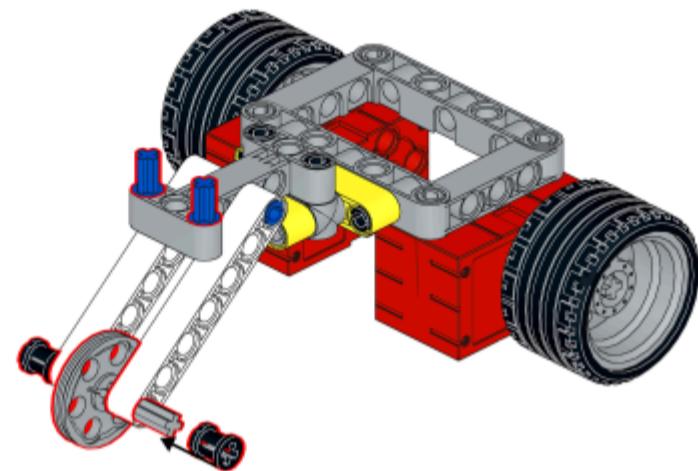
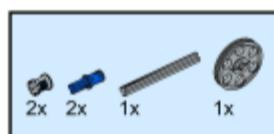
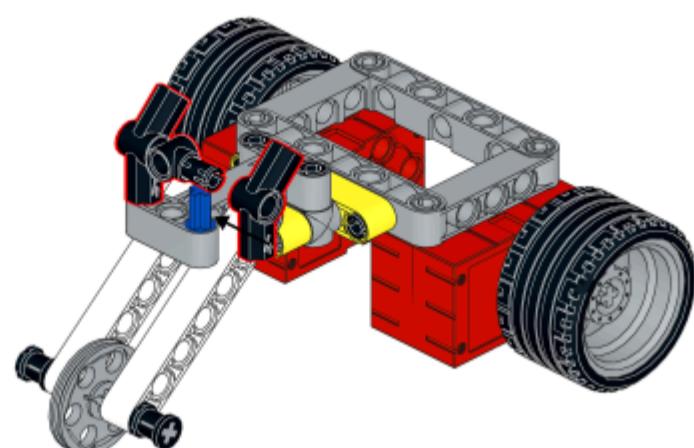


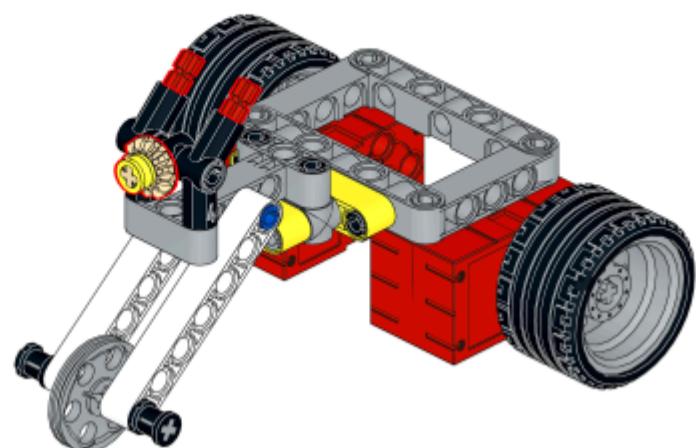
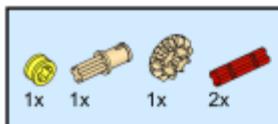
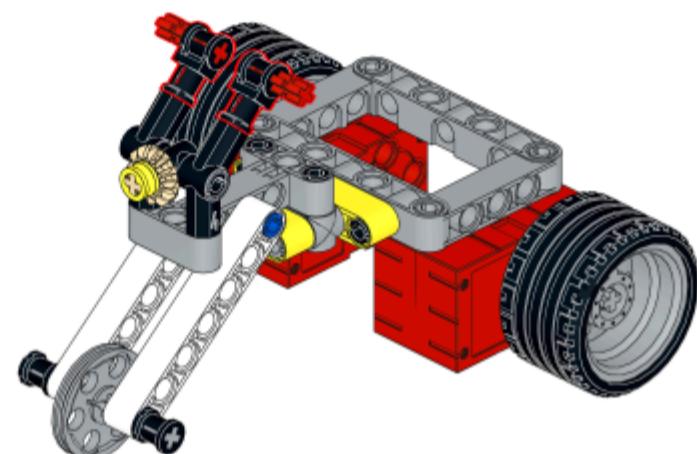
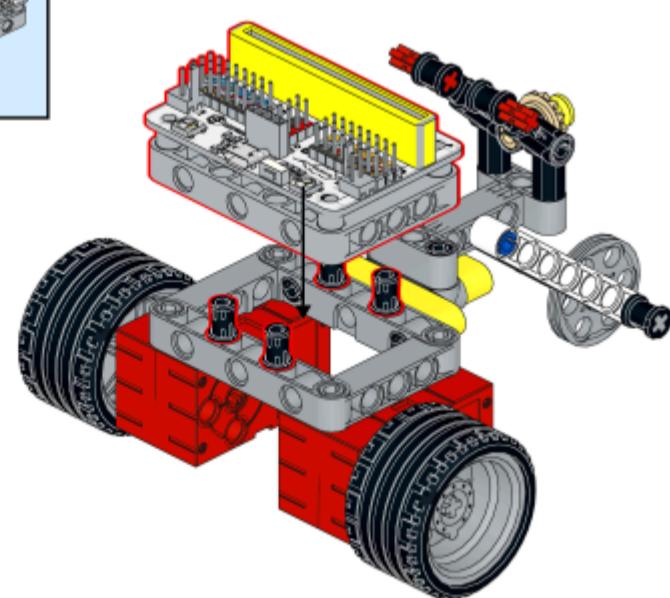
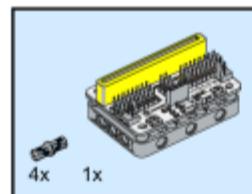
Video link: <https://youtu.be/rLnMMkofipM>

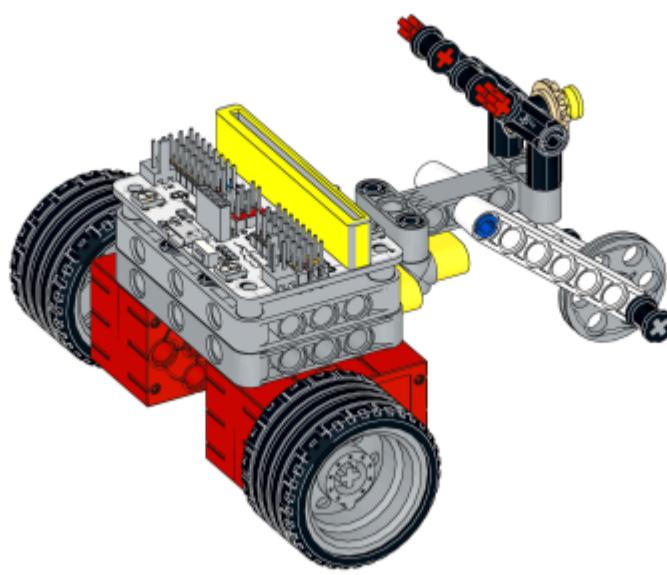
3.4. Bricks build-up



3**4****5**

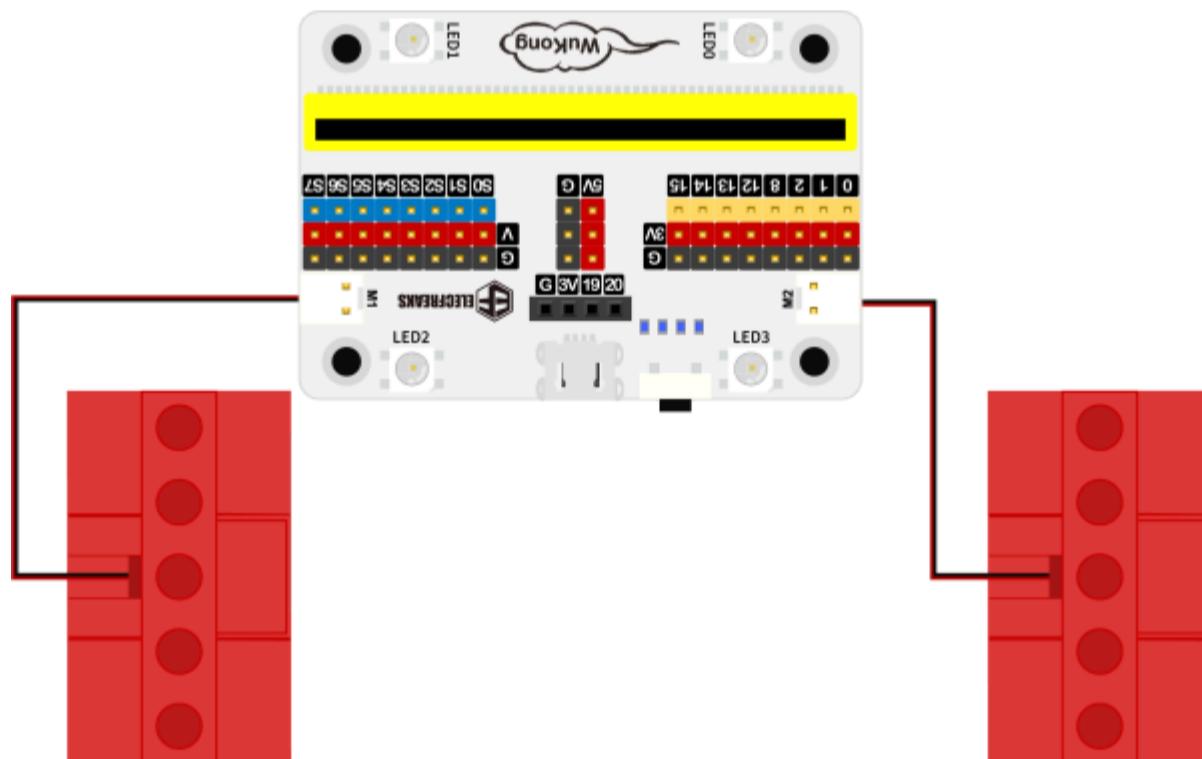
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3.5. Hardware Connection

Connect two [motors](#) to M1 and M2 ports on [Wukong breakout board](#).



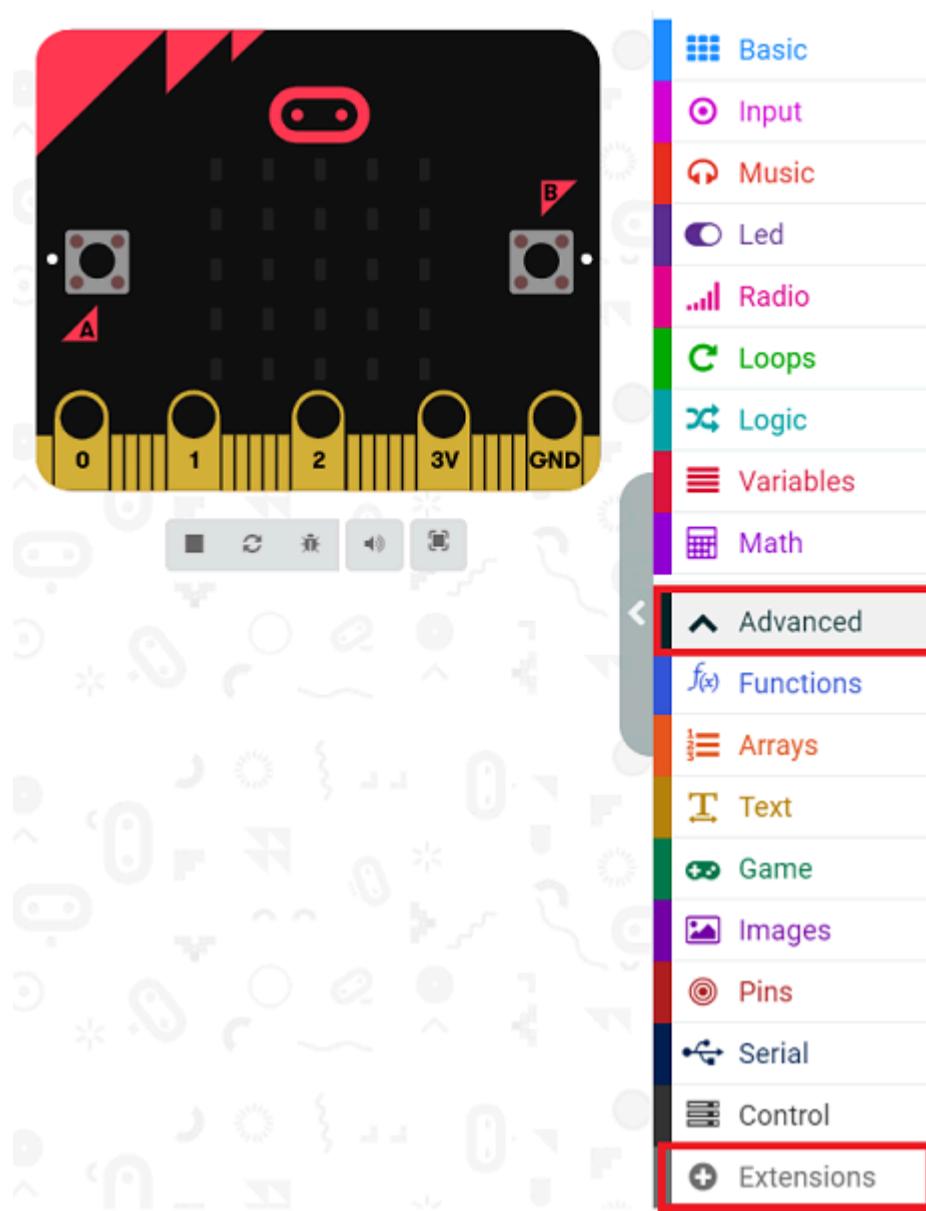
3.6. Software Platform

[MakeCode](#)

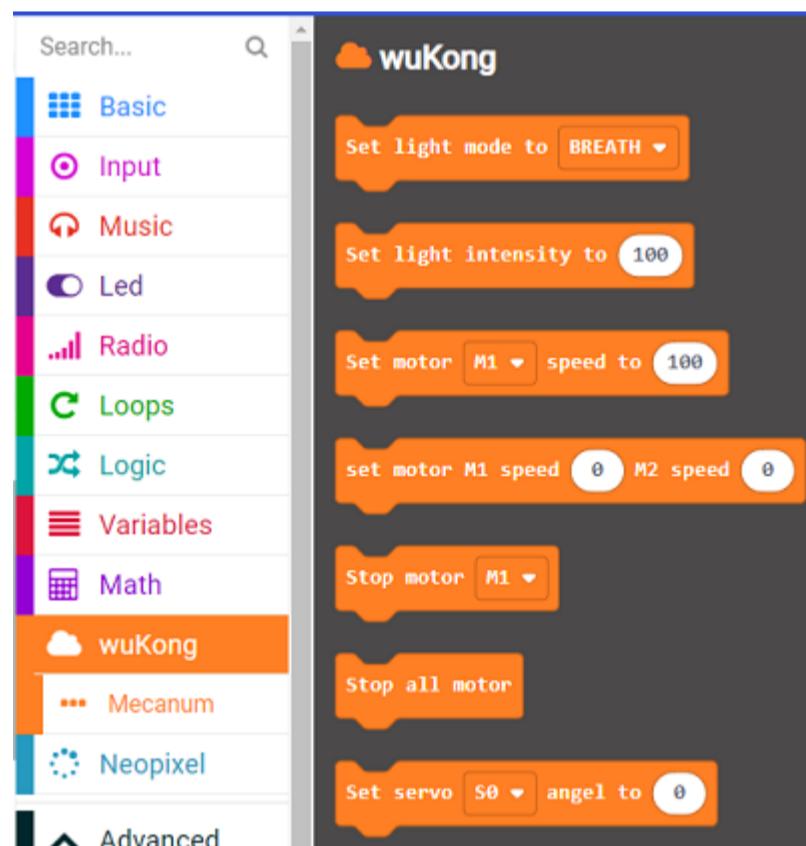
3.7. Coding

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/_K6mFyJ16ofCj

Result

While button A being pressed, the motorcycle moves forward and it reverses if button B is pressed, while pressing button A+B, it stops driving.

By ELECFREAKS Team

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