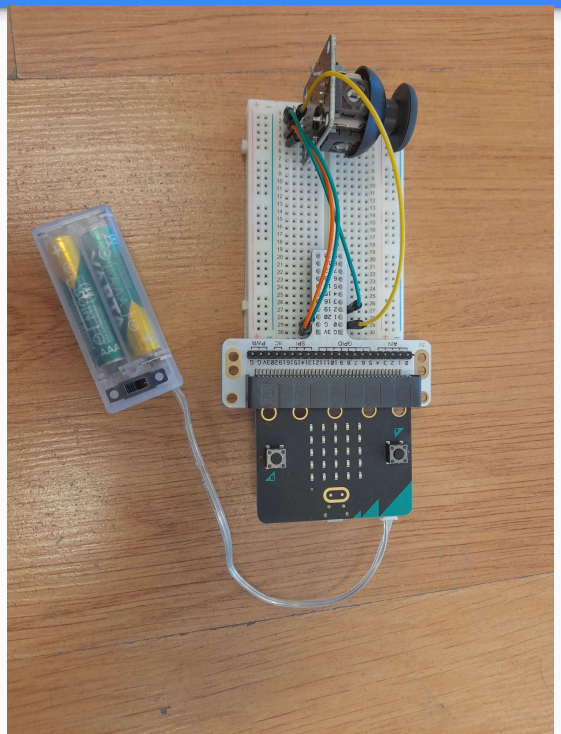
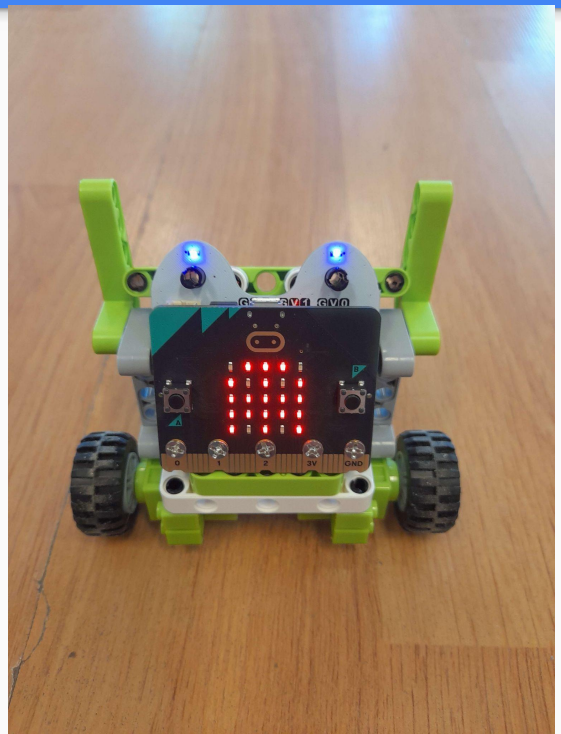
Remote controlled robot

Team: Andre, Barbora, Michal, Tamas, Tomas

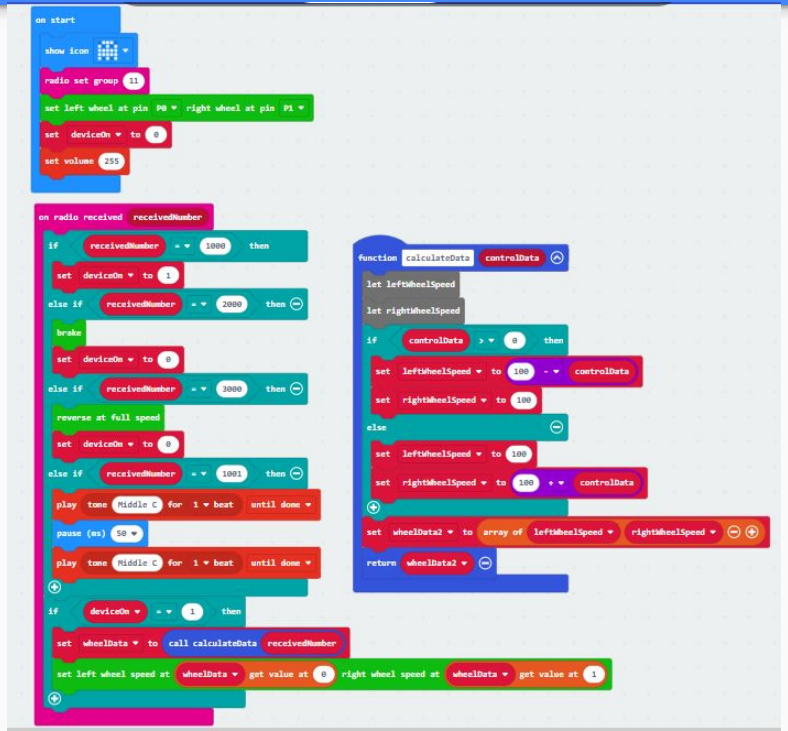
We created a robot controlled by a joystick and buttons, the joystick turns the robot and the buttons control the movement, the communication is remote by radio signals

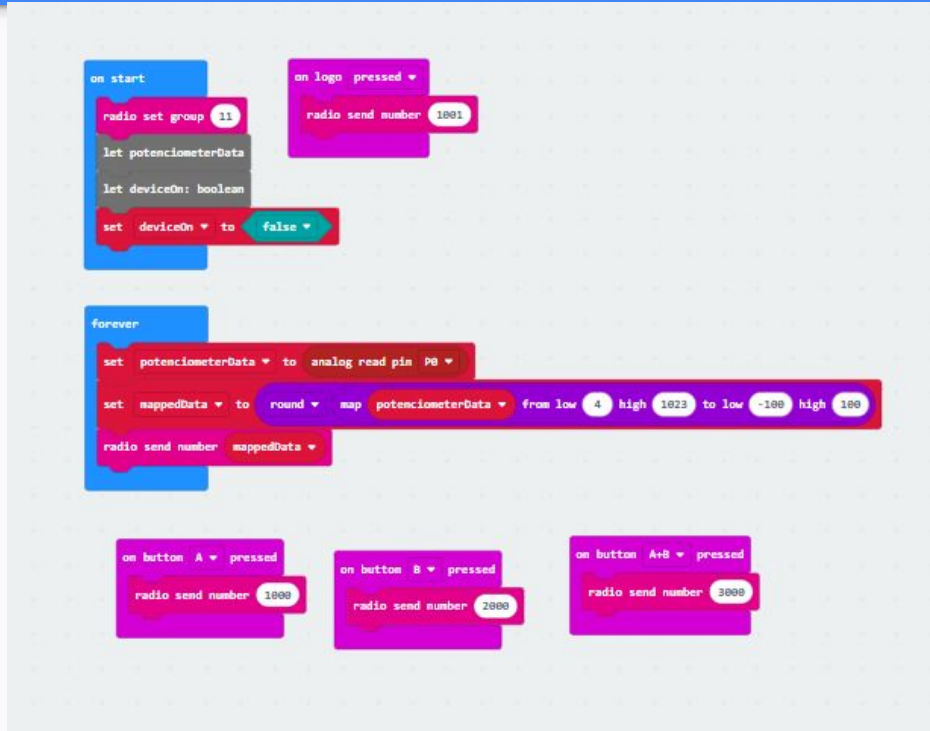
The hardware

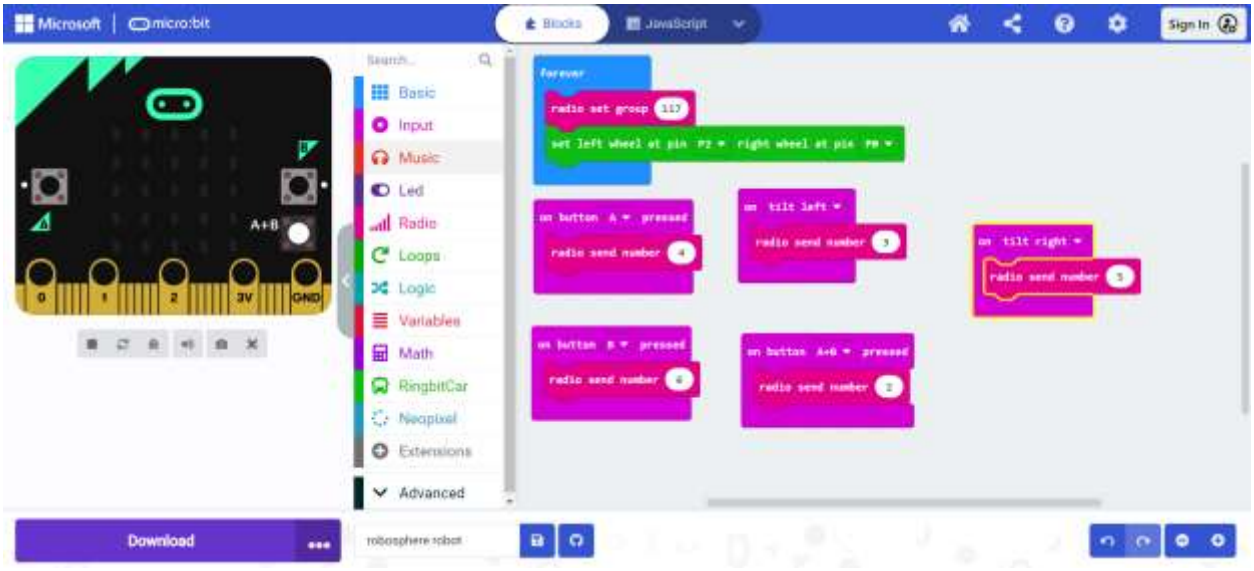




The software



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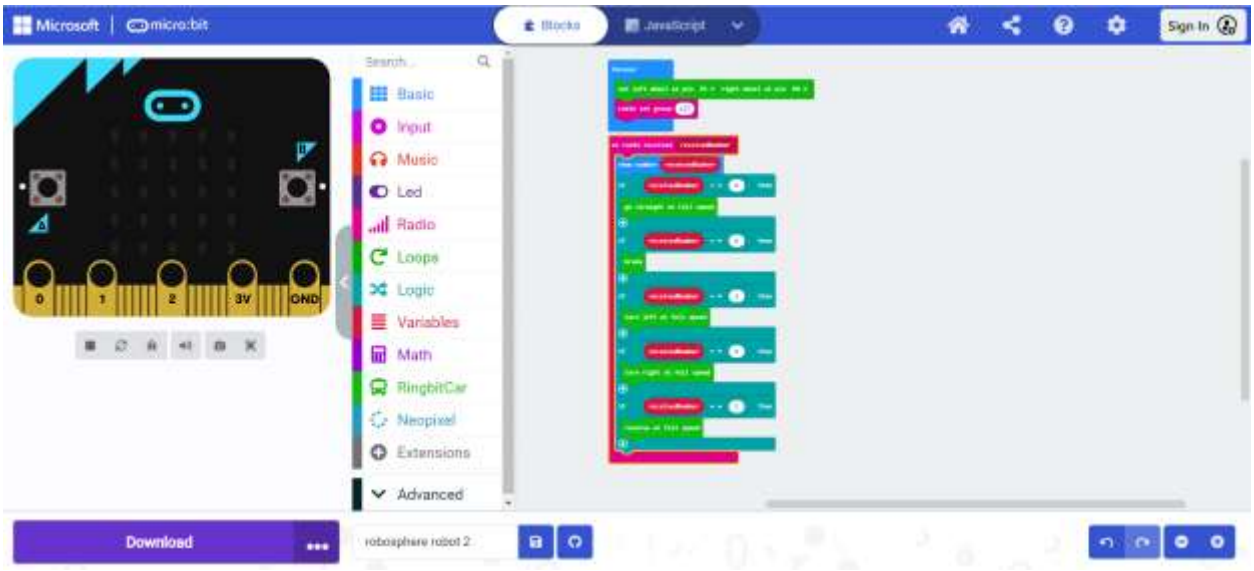
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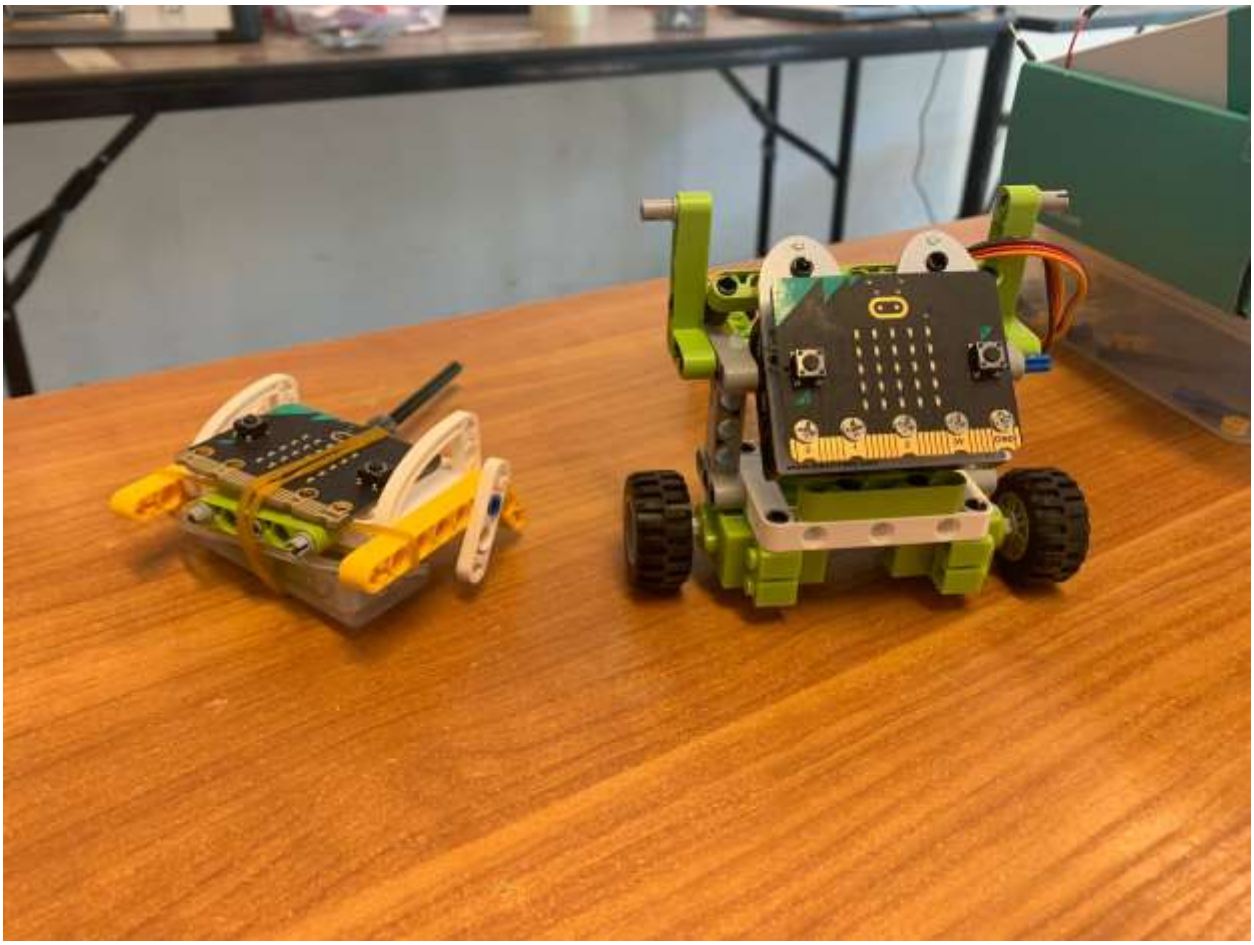


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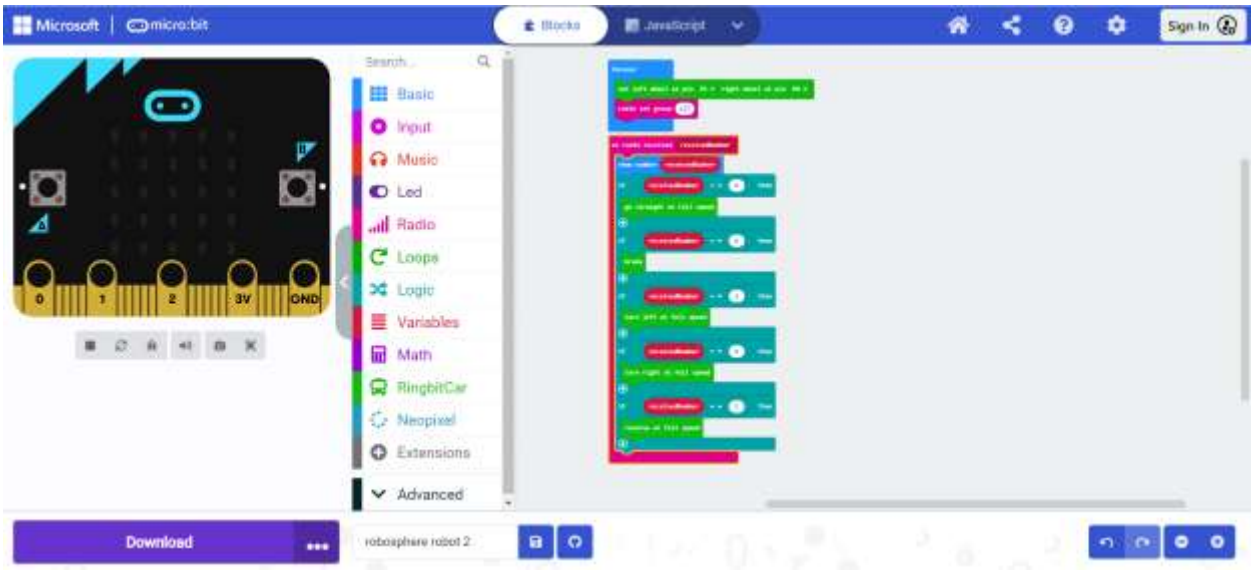
radio set group 117
set left wheel at pin P2 right wheel at pin P8
on button A pressed
radio send number 4
on tilt left
radio send number 3
on tilt right
radio send number 5
on button B pressed
radio send number 6
on button A+B pressed
radio send number 7
A+B
0
1
2
3V
GND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