Maqueen Robot

https://makecode.microbit.org
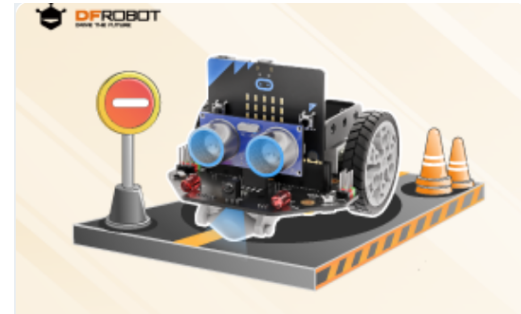
Add the maqueen library

1) **+New Project**
2) Select +Extensions > click "maqueen" (**not** Maqueenplus)
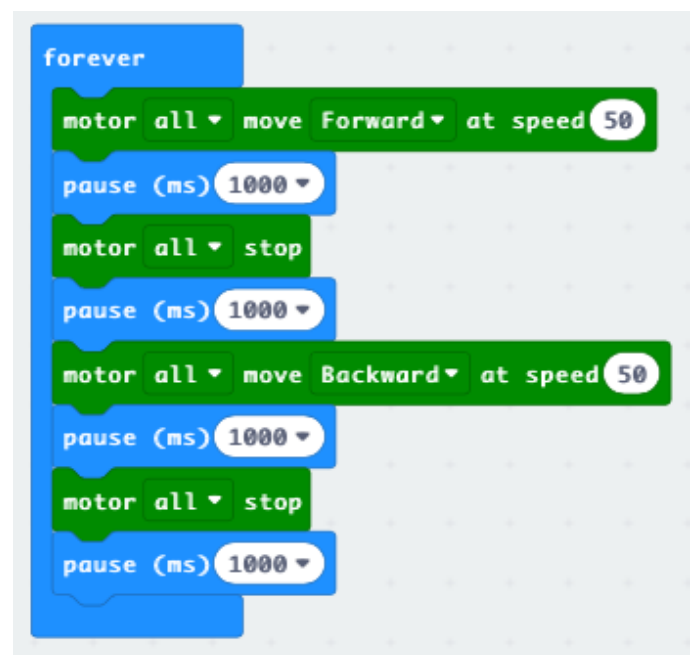3) See the new Maqueen functions

𝑚 Maqueen

maqueen

Maqueen is an easy-to-use programming educational Robot

Forwards and Backwards

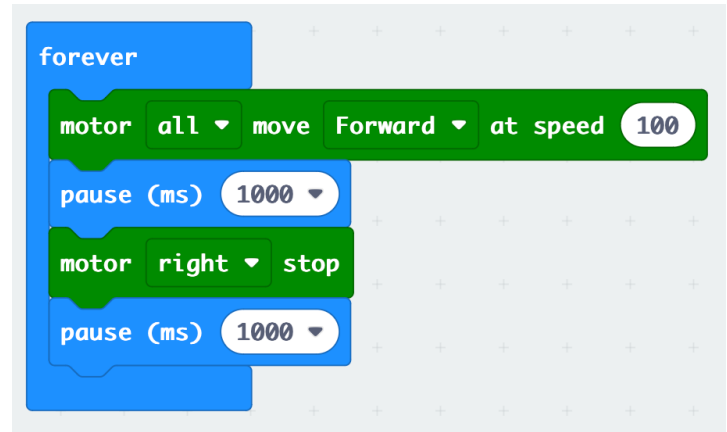*This code (right) moves the robot forward then backward.*

4) Create the blocks code above to move the robot **forward** then **backward**.
5) Connect the robot and download the code
6) Unplug the robot
7) Switch the robot on with the switch at the 'tail'

Going in Circles

Change your code to go round in 'circles'.

8) Change your code so that it moves forward a bit, stops, then turns by driving one wheel (left wheel) while the other (right wheel) is stopped.

```
forever
    motor  all ▼  move  Forward ▼  at speed  100
    pause (ms)  1000 ▼
    motor  right ▼  stop
    pause (ms)  1000 ▼
```

Save your code to a USB stick.

Chrome setup to download code directly to the micro:bit

In your Chrome browser:

1) *Click on the three dots at the top-right corner of the browser.*
2) *Select **Settings***
3) *(Click on Advanced**) may not be needed on later versions***
4) *Select **Downloads***
5) *Where is says Location, click **Change***
6) *Select the MICROBIT (probably the D: drive), then **Select Folder***
7) *Check **"Ask where to save"** (So you can still save to USB drive)*
8) *Uncheck **"Show downloads when they're done"***
9) *Go back to the MakeCode tab in the browser*

It should now download directly to your micro:bit.