

soil-moisture-sensing-system 0.0.0

Open this page at <https://stemax-tech.github.io/soil-moisture-sensing-system/> (<https://stemax-tech.github.io/soil-moisture-sensing-system/>)

Use as Extension

This repository can be added as an **extension** in MakeCode.

- open <https://makecode.microbit.org/> (<https://makecode.microbit.org/>)
 - click on **New Project**
 - click on **Extensions** under the gearwheel menu
 - search for **<https://github.com/stemax-tech/soil-moisture-sensing-system>** (<https://github.com/stemax-tech/soil-moisture-sensing-system>) and import
-

Edit this project

To edit this repository in MakeCode.

- open <https://makecode.microbit.org/> (<https://makecode.microbit.org/>)
- click on **Import** then click on **Import URL**
- paste **<https://github.com/stemax-tech/soil-moisture-sensing-system>** (<https://github.com/stemax-tech/soil-moisture-sensing-system>) and click import

Metadata (used for search, rendering)

- for PXT/microbit

```
makeCodeRender("{{ site.makecode.home_url }}", "{{ site.github.owner_name }}/{{ site.github.repository_name }}");
```

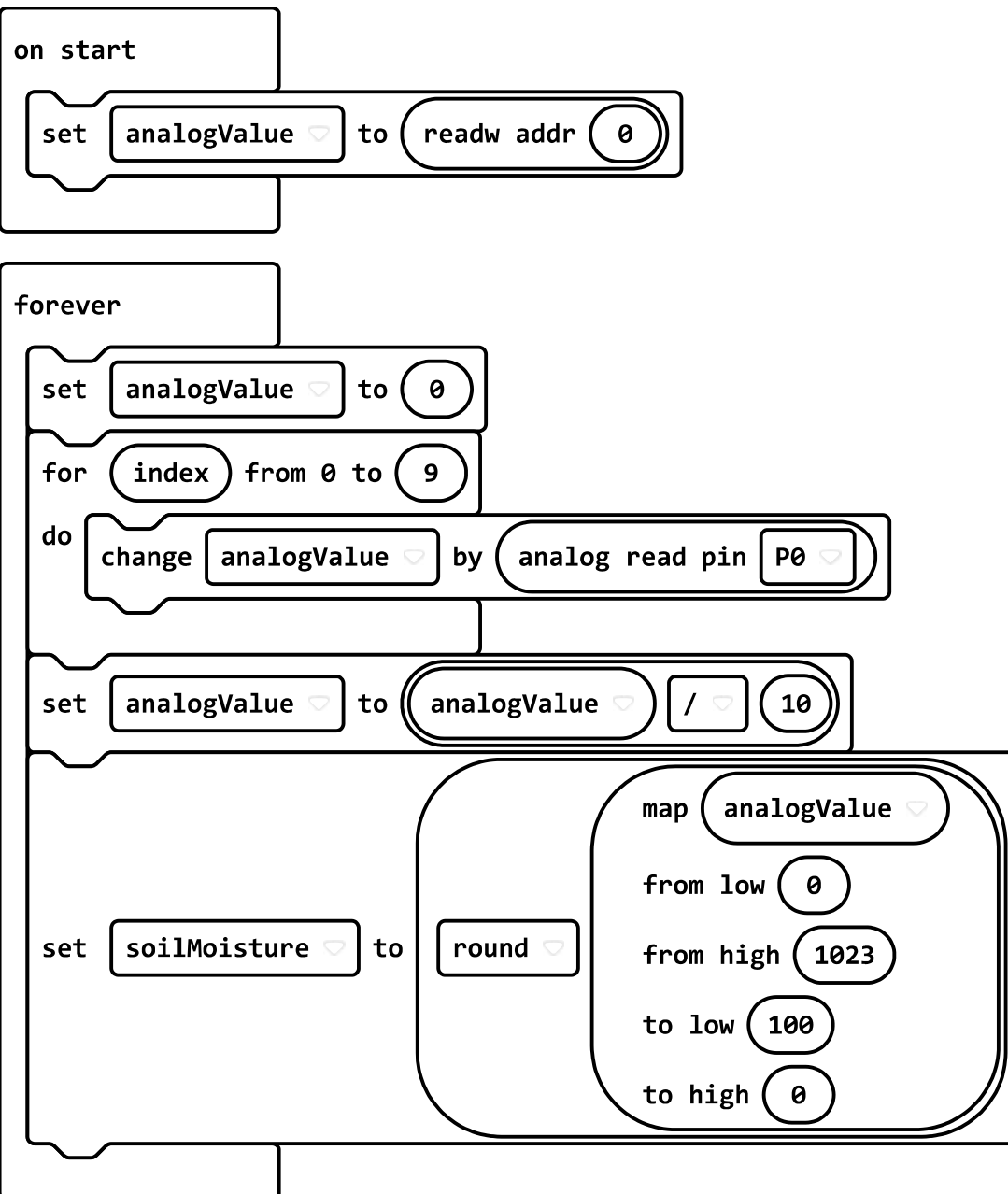
Connection Diagram

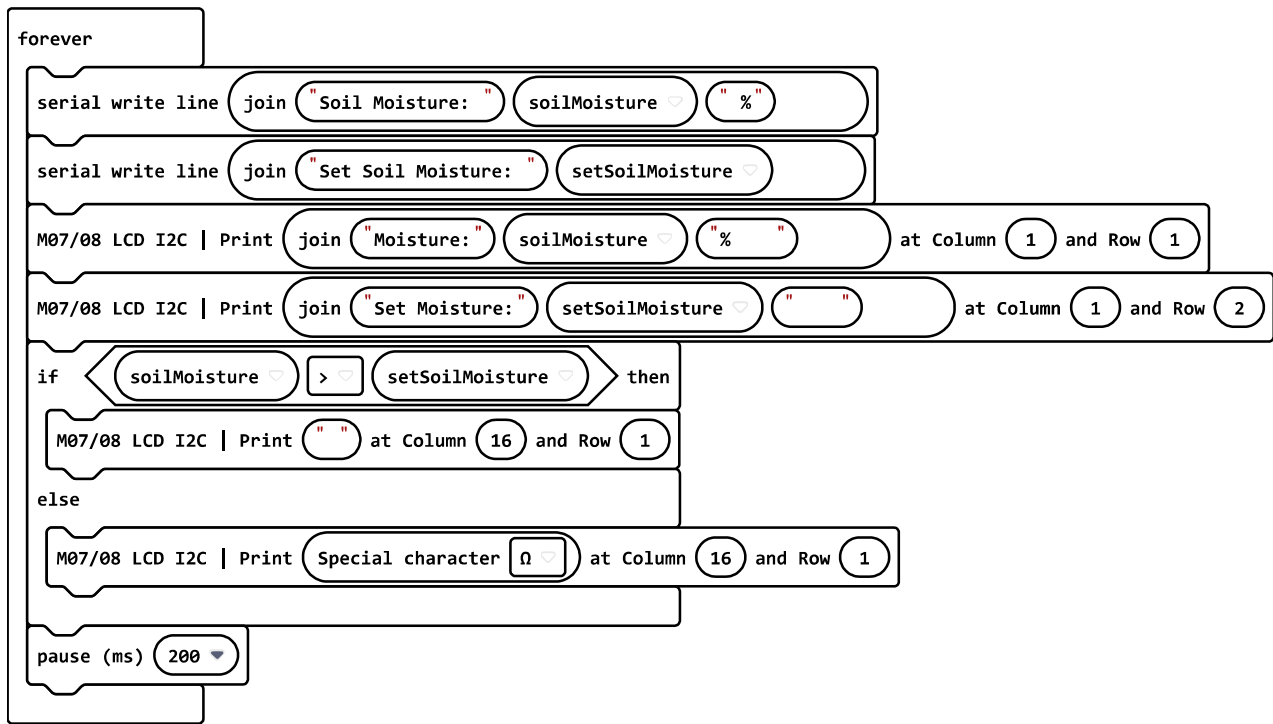
Diagram-Soil Moisture Control Pump.png (https://drive.google.com/file/d/1CW_uSYA-ttbX3JVqwEMtzUIBld55LgJY/)

Program Blocks

Soil Moisture Control Pump.png

(https://drive.google.com/file/d/1rbeYSFnpuw2aLIM3v9iOgSdDgPaM4Bk/view?usp=drive_link)





forever

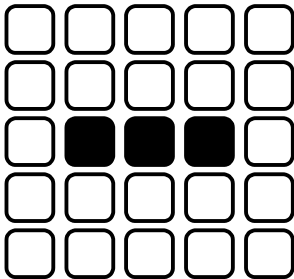
if button A is pressed then

change setSoilMoisture by -1

if setSoilMoisture < 100 then

set setSoilMoisture to 0

show leds



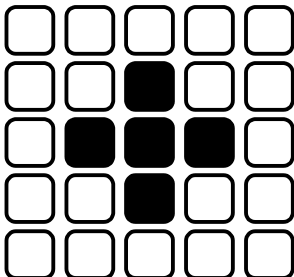
else if button B is pressed then

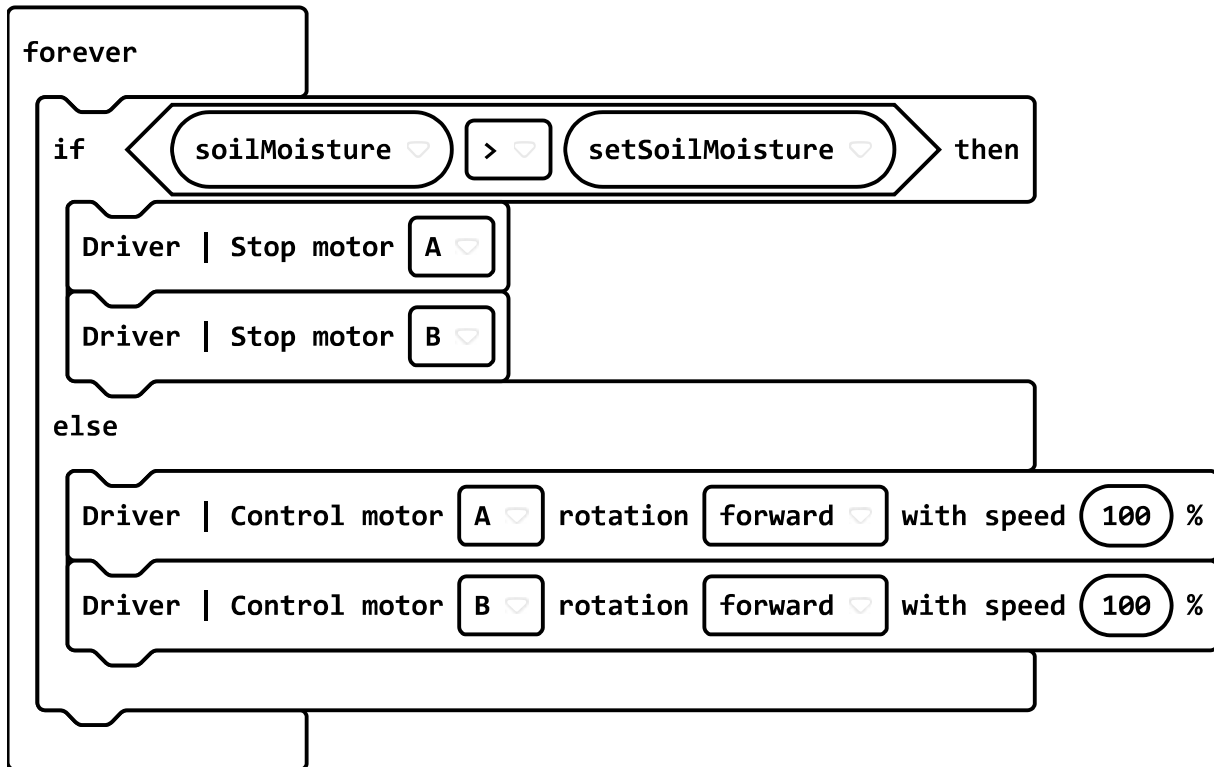
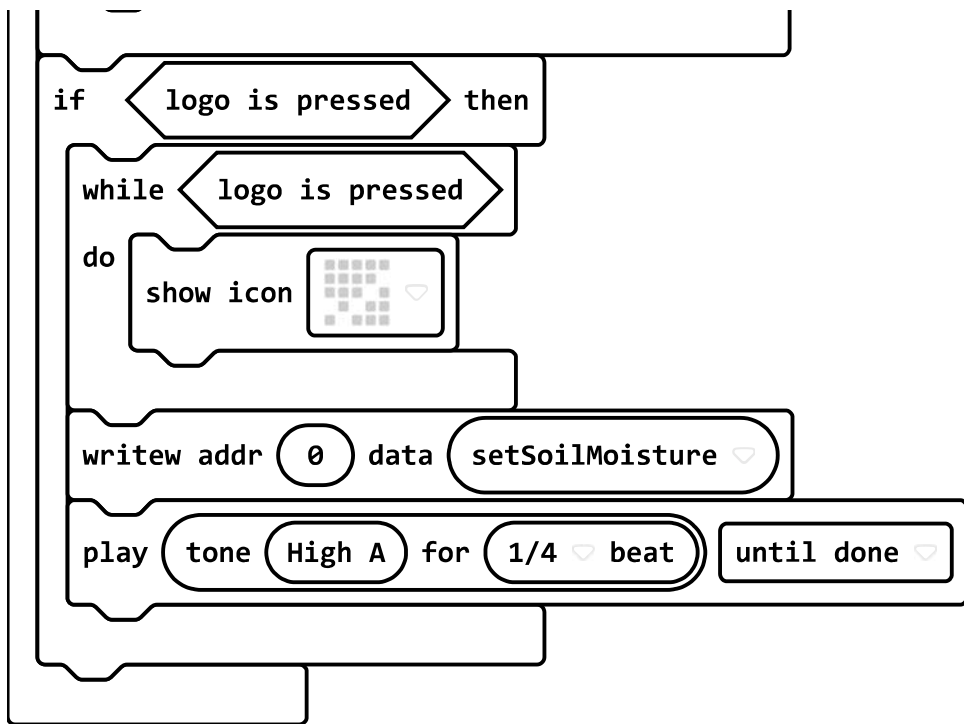
change setSoilMoisture by 1

if setSoilMoisture > 0 then

set setSoilMoisture to 100

show leds





Extensions

- microphone, *
- eprom-microbit, [github:zobclub/eprom-microbit#3424f25b4ce6257e2f43f8cff2fb3d3226cd37a2](#)
- MakerEdu_Hardware, [github:makerlabvn/MakerEdu_Hardware#v0.0.2](#)