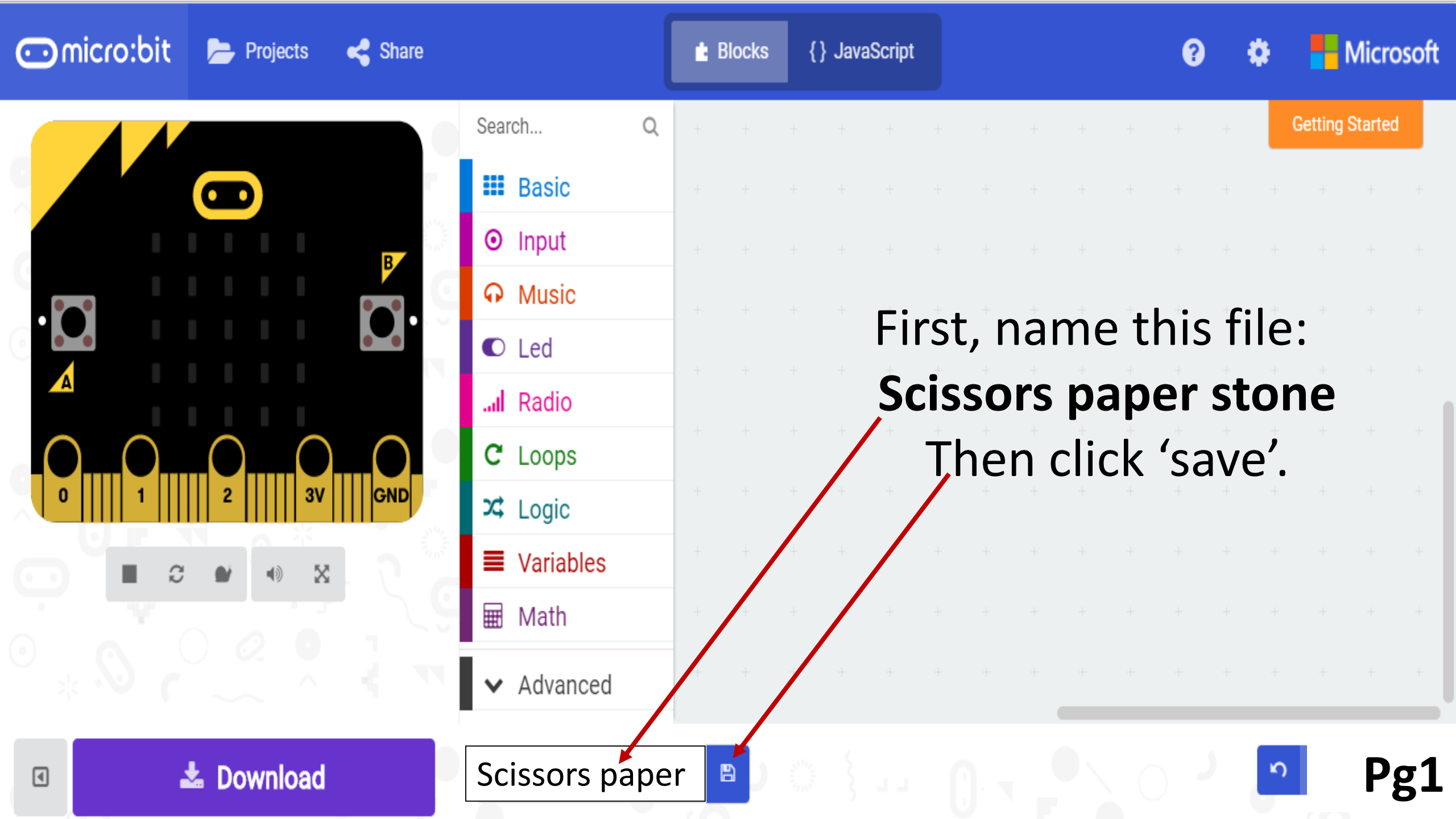


# **Game 2:**

# **Long Qiam Pass**



Search...



Basic

Input

Music

Led

Radio

Loops

Logic

Variables

Math

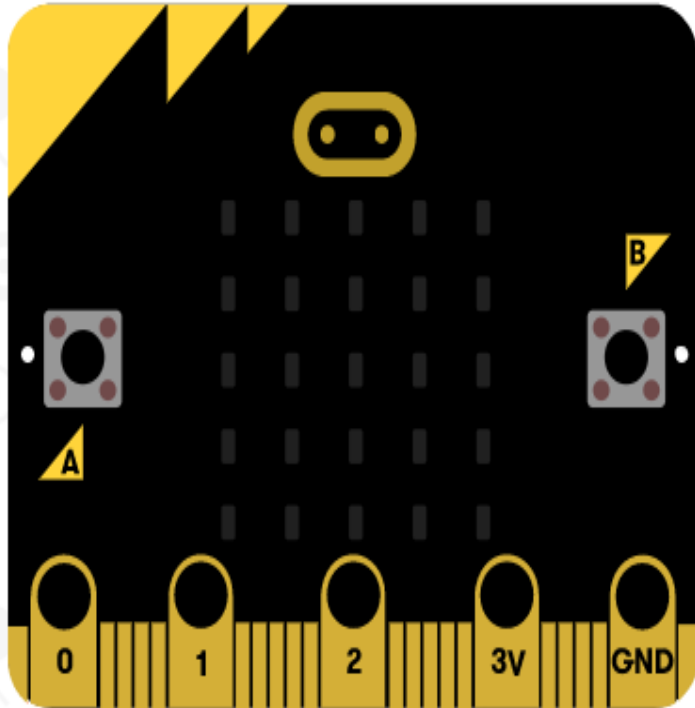
Advanced

First, name this file:  
**Scissors paper stone**  
Then click 'save'.

Download

Scissors paper





Search...



Basic

Input

More

Music

Led

Radio

Loops

Logic

Variables

Math

Advanced

on button A pressed

on shake

on pin P0 pressed

button A is pressed

pin P0 is pressed

acceleration (mg) x

light level

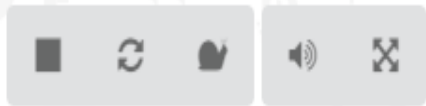
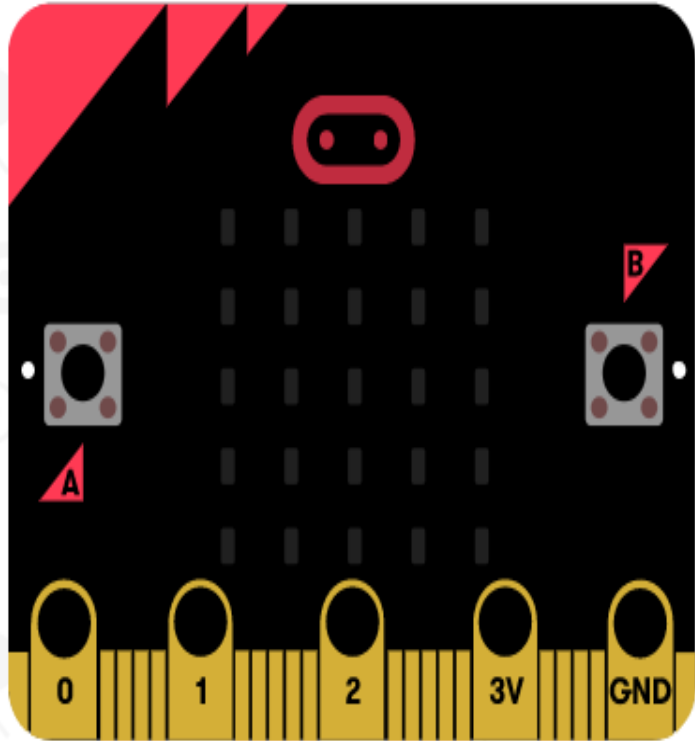
compass heading (°)

temperature (°C)

Getting Started

1. Go to purple 'Input'. Click it.

2. Click 'on button A pressed' and hold to drag it to the space here.



Search...



Basic

More

Input

Music

Led

Radio

Loops

Logic

Variables

Math

Advanced

show number



show leds



show icon



show string

“Hello!”

forever

pause (ms)

100

on start

on button A pressed

Getting Started

3. Go to blue colour 'Basic'. Click it.

4. Click 'show icon' and drag it to the space here.

5. Place 'show icon' under 'on button A pressed'.

Search...



Basic

Input

Music

Led

Radio

Loops

Logic

Variables

Math

Advanced

on button A pressed

show icon

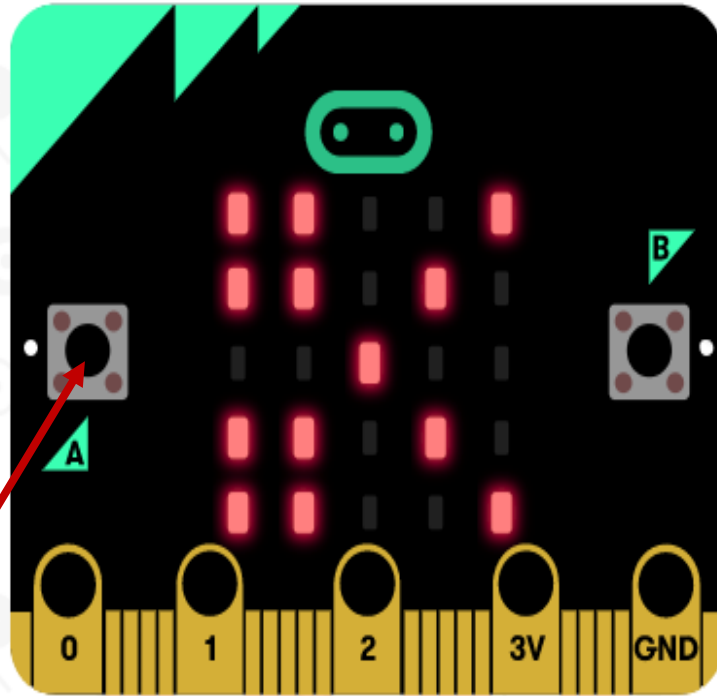


Getting Started

6. Click the small Arrow at the 'show icon' tab.

7. Click the last icon that is the 'scissors'.

scissors



8. Click A button to test if your code shows the scissors.



Search...



Basic

Input

Music

Led

Radio

Loops

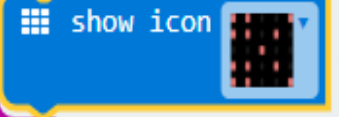
Logic

Variables

Math

Advanced

on button A pressed



\*Click this 'Reset' button to clear the digital microbit. Repeat Step 8.

Search...



Basic

Input

Music

Led

Radio

Loops

Logic

Variables

Math

Advanced

on button A pressed

show icon



on button B pressed

show

A  
✓ B  
A+B

9. Repeat the steps on pg 2 & pg3 to get a second set.

10. For the 2<sup>nd</sup> set, click the small arrow of the purple tab to choose 'B'.

Search...



Basic

Input

Music

Led

Radio

Loops

Logic

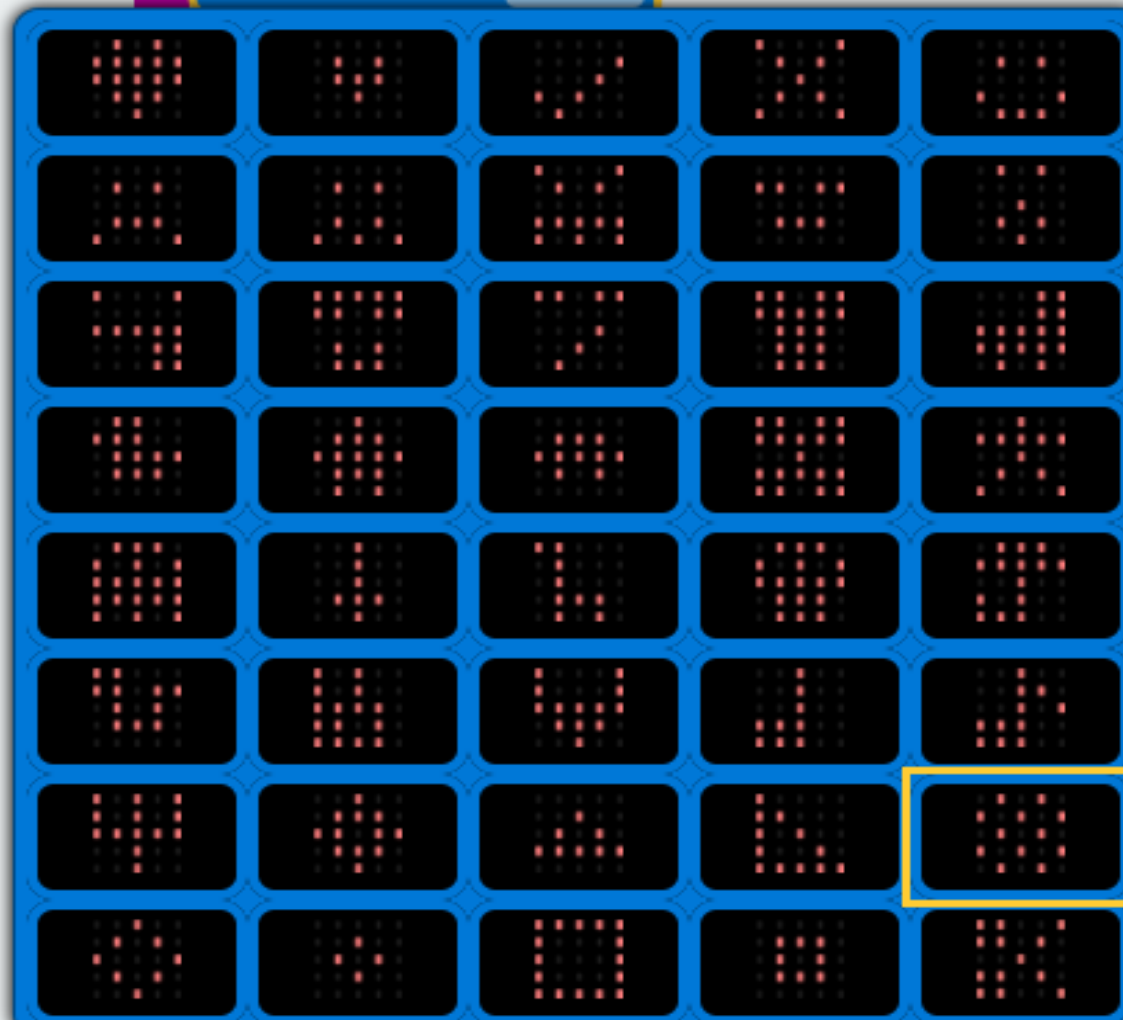
Variables

Math

Advanced

on button B pressed

show icon



For the second set:

11. Click the small Arrow at the 'show icon' tab.

12. Click the icon that is the 'Chess Board' to be the rock/stone.

chess board



Search...

Basic

Input

Music

Led

Radio

Loops

Logic

Variables

Math

Advanced

on button A pressed

show icon



on button B pressed

show icon



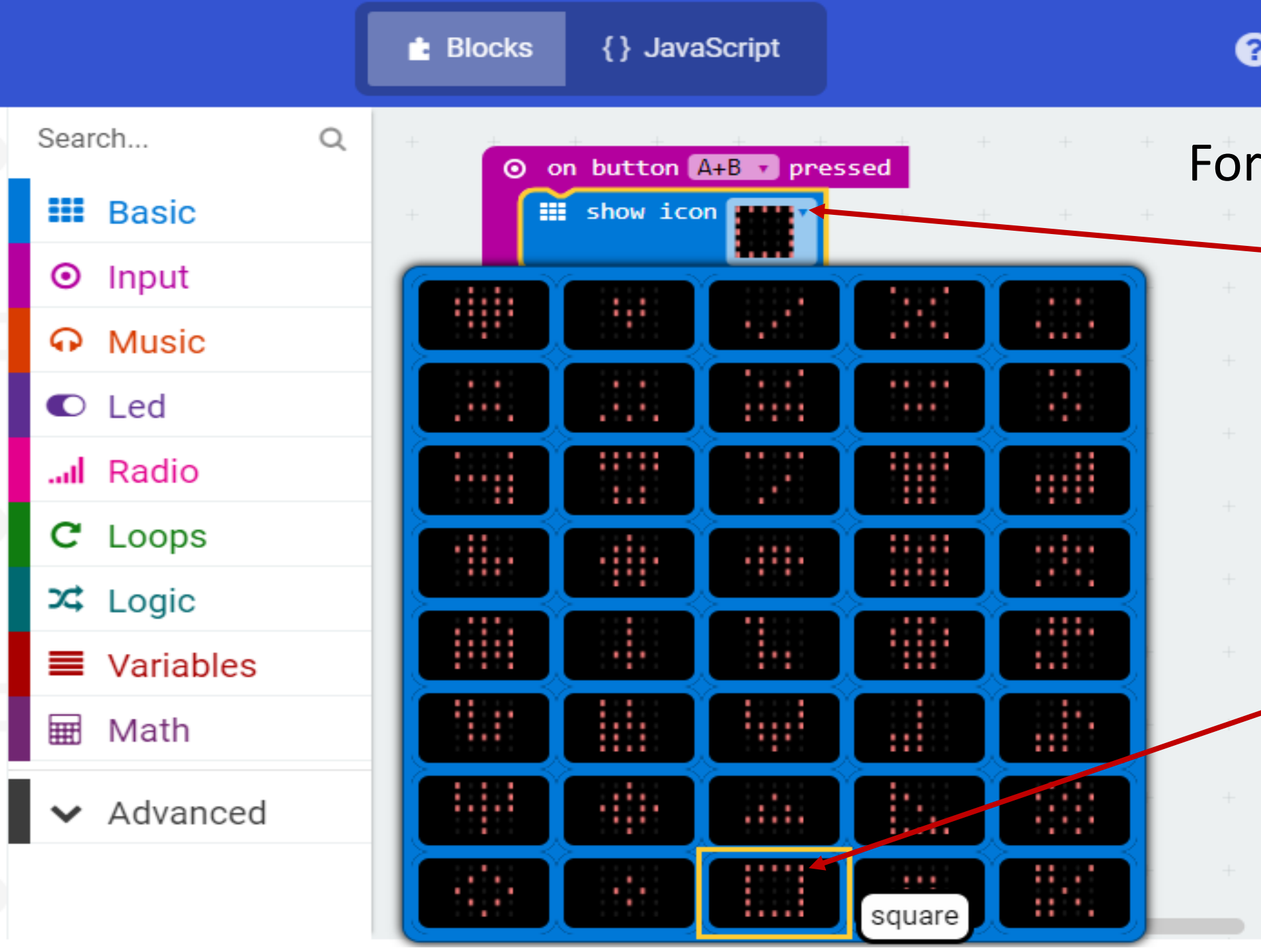
on button A+B pressed

show

- A
- B
- ✓ A+B

13. Repeat the steps on pg 2 and pg3 to get a third set.

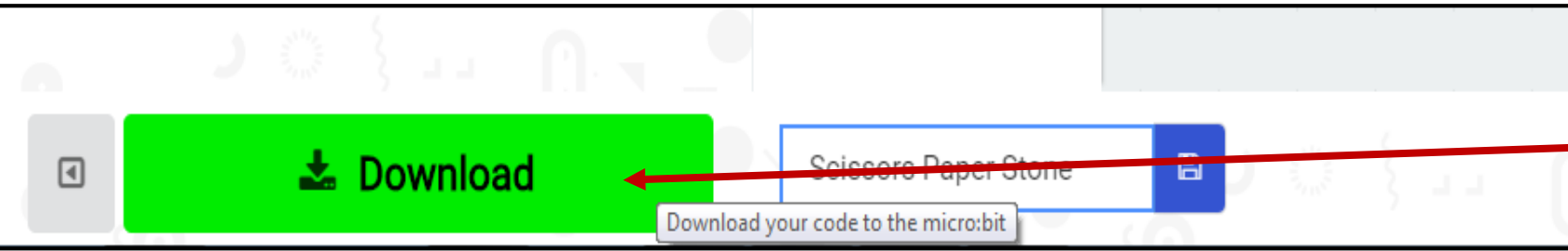
14. For the 3rd set, click the small arrow of the purple tab to choose 'A+B'.



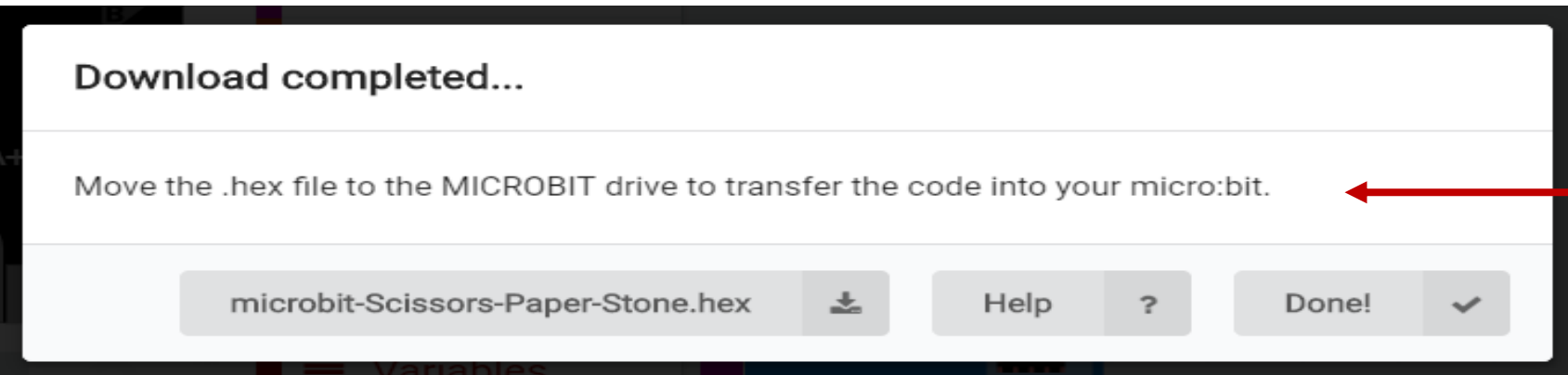
For the third set:

15. Click the small Arrow at the 'show icon' tab.

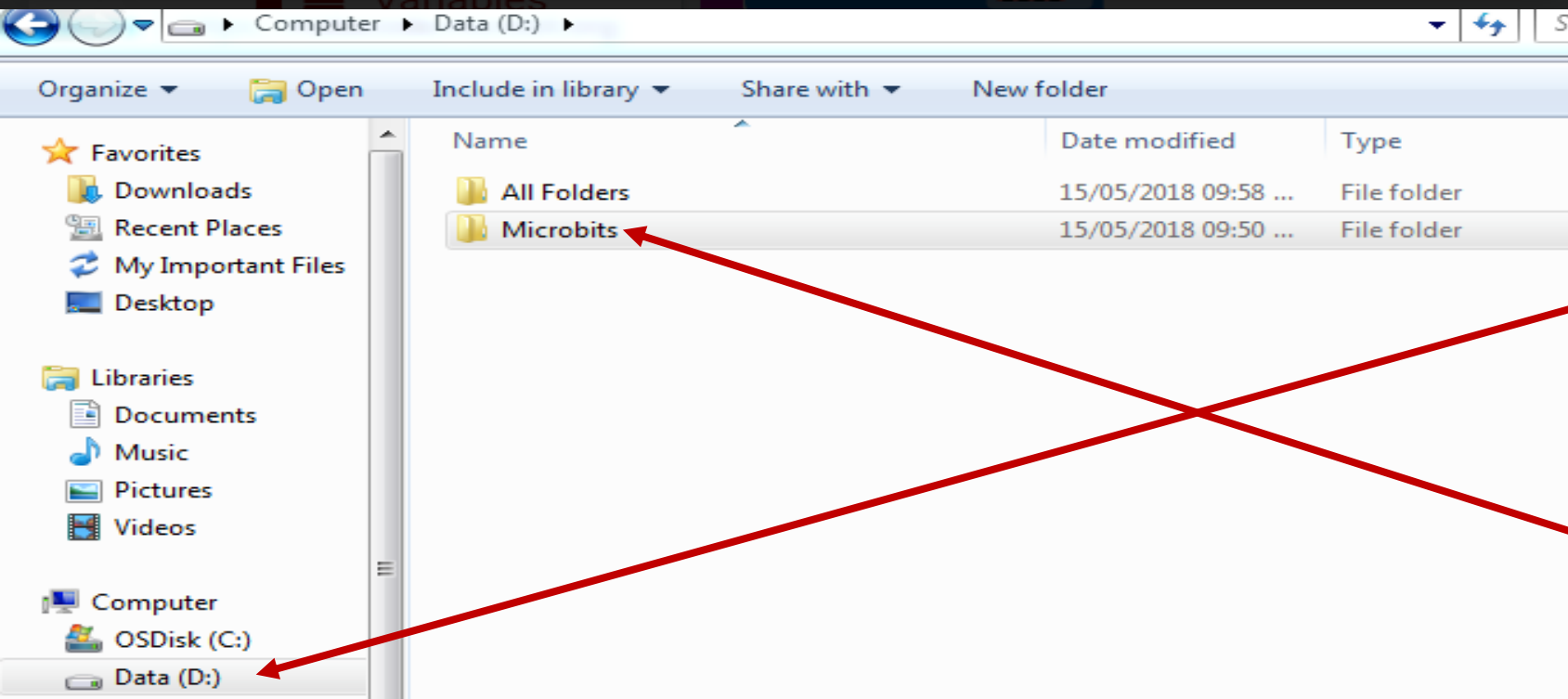
16. Click the icon that is the 'square' to be the paper.



17. Click 'Download' to download the game.

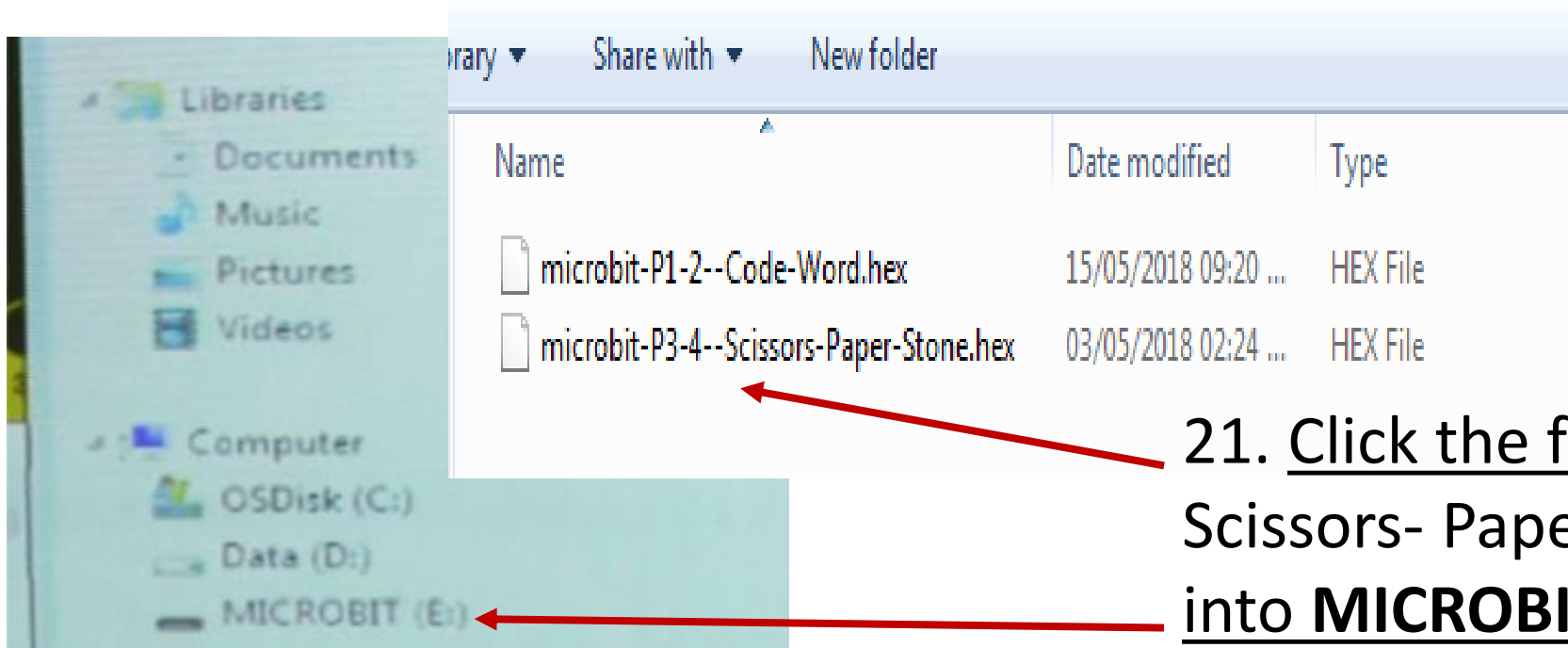


18. You will see this window. We have helped you to save the file in **D drive**.



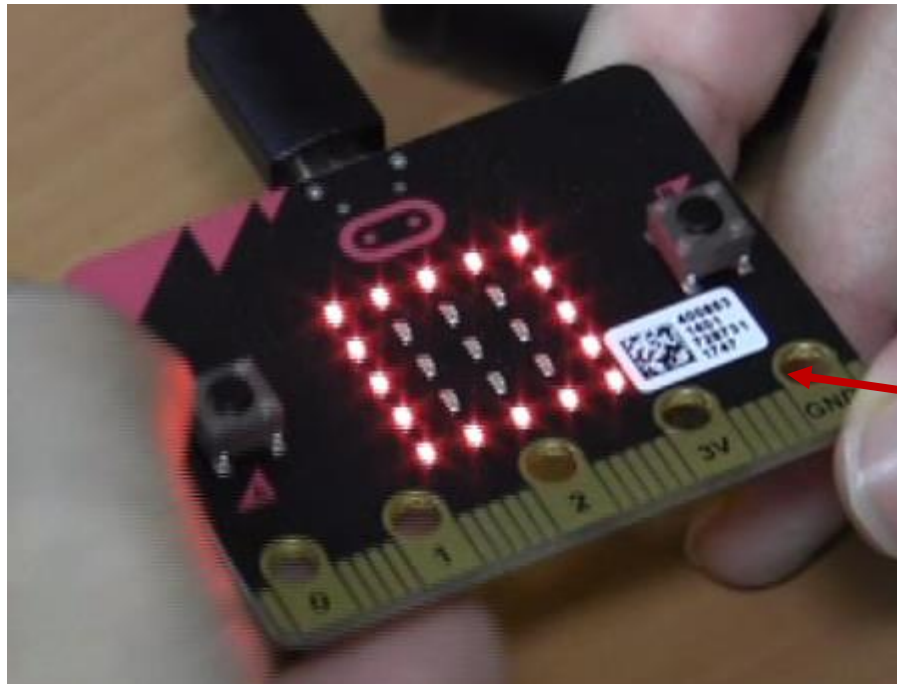
19. Go to 'Start' and Click 'Computer'. Click **Data (D:)** to get into D drive.

20. Choose the folder '**Microbits**'.



21. Click the file 'microbit-P3-4—Scissors- Paper-Stone.hex' and drag it into **MICROBIT (E:) drive** on the left of the screen.

Then let go. The file will be copied into the micro:bit connected to your laptop.



22. Finally, look at the actual micro:bit connected to your laptop. Press the buttons A and B to try the game that you have created.