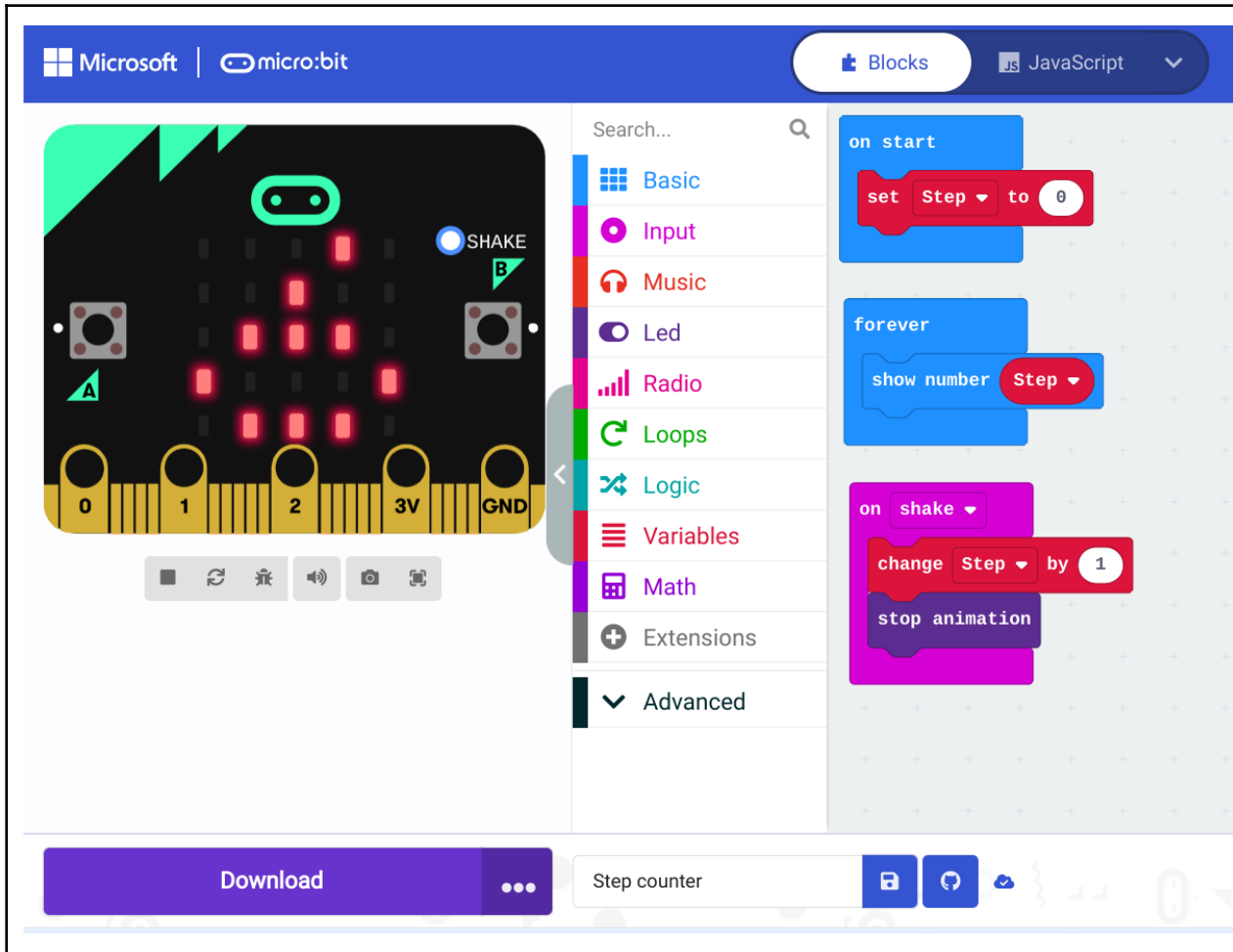


Step Counter: Micro:bit Step Counter Tutorial - go to <https://makecode.microbit.org/> - 7th row - Fashion - 3rd one over - Step Counter. The purpose of this activity is to show that with some code, a micro:bit can function as a step counter. In order for this to work, the code below needs to be downloaded to a microbit. Additionally, figuring out how to attach a micro:bit (and battery pack) to a person's foot and accurately count their steps could add some additional problem solving. The accelerometer embedded in the micro:bit is what changes the step count. Based on this code, to start back at zero, the reset button on the back of the micro:bit will need to be pressed.



Blocks used: [Finished Project Link](#)

- Basic
 - on start
 - forever
- Variable - you must click make a variable (step)
 - set step to
 - step circle
 - change step by
- Input
 - on shake
- Led - more...
 - stop animation

This step counter uses the accelerometer to be able to tell when movement happens.