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History

This branch is even with LambdaSchool:master.

 Pull request

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Latest commit bc5c0c0 on Oct 19

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 **img** updating objective folders 2 months ago

 **README.md** Update README.md 2 months ago

 **README.md**



Cellular Automata and The Game of Life

Turing Completeness

We say a computing system is *Turing Complete* if it is capable of performing arbitrary, general purpose computation.

Using a construct in The Game of Life called a *glider gun*, it's possible to build a rudimentary *NAND gate* in the Game of Life. While a NAND gate by itself isn't enough to be Turing Complete, the "infinite" grid of The Game of Life allows you to use them (or any other *functionally complete* operator) to build any other type of logical "circuitry" and *memory*, as well.

Anything computable can be computed in The Game of Life given a large enough grid and enough time. Most people, however, find JavaScript to be a far easier development medium.