Exercise 4: iterations

The game of life simulation gets interesting when you do more than one iteration, on arbitrarily large boards.

Instructions:

Allow to run several iterations of the simulation.

Extend the board to be as large as you want it to be

Hints:

- You do not need to create a sophisticated output, text-only is enough.
- You might slow down the simulation so that it is easier to look at.

Optional Extensions:

- Clear the screen before outputting the next iteration

  (On macos and linux terminals you can output `"\033[2J"` to do that)
- Stop iterating if the world did not change in this iteration.
- Stop iterating if the world returned to a former state.
    - Output the length of the cycle.
- Create an "infinite" board, you can
    - make it wrap around
    - make it scroll (harder)