

## Task #5

1. The number of steps of configurations of game Life is inputted from the console.
2. The initial configuration of living cells is randomly generated and is written in the file "Practice05–input.txt".
3. The color of newly appeared "living" cell is purely red. The color of the survived "living" cell fades with the progress of simulations (with the increase of numbers of the simulations steps).
4. The configurations of cells after 0, 5, 10 and 15 steps are presented on Fig.1, after 20, 25, 30 and 35 steps on Fig.2

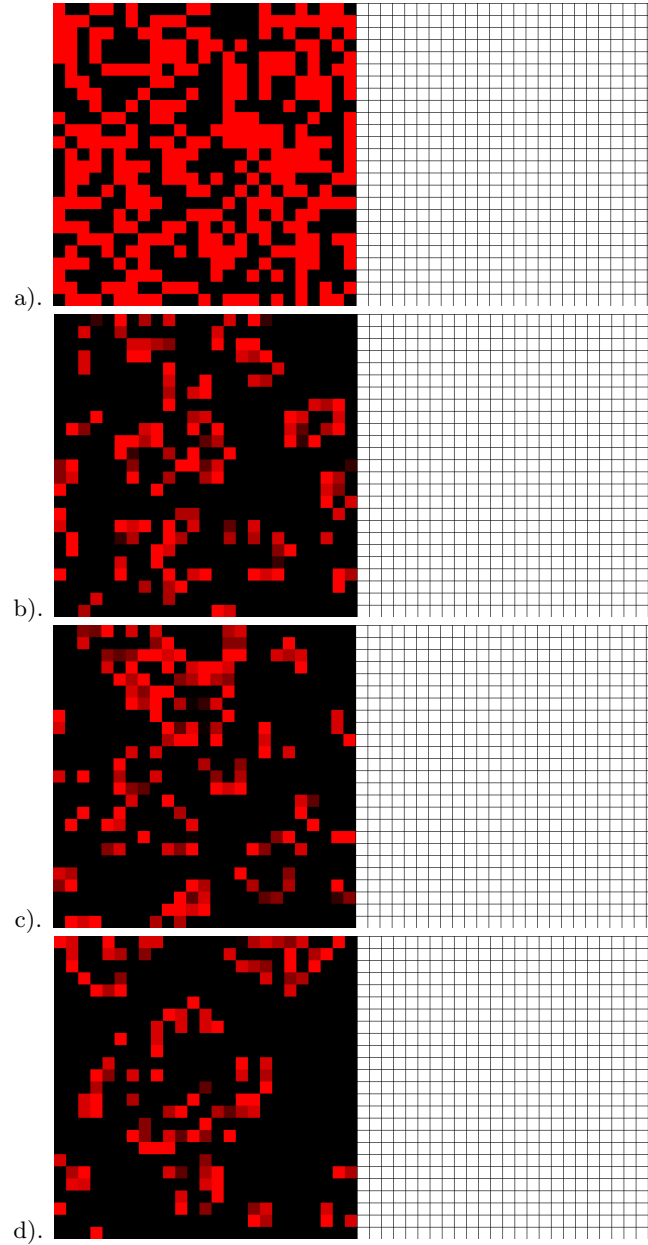


FIG. 1: Configuration of cells in game Life after a) 0, b) 5, c) 10, and d) 15 steps.

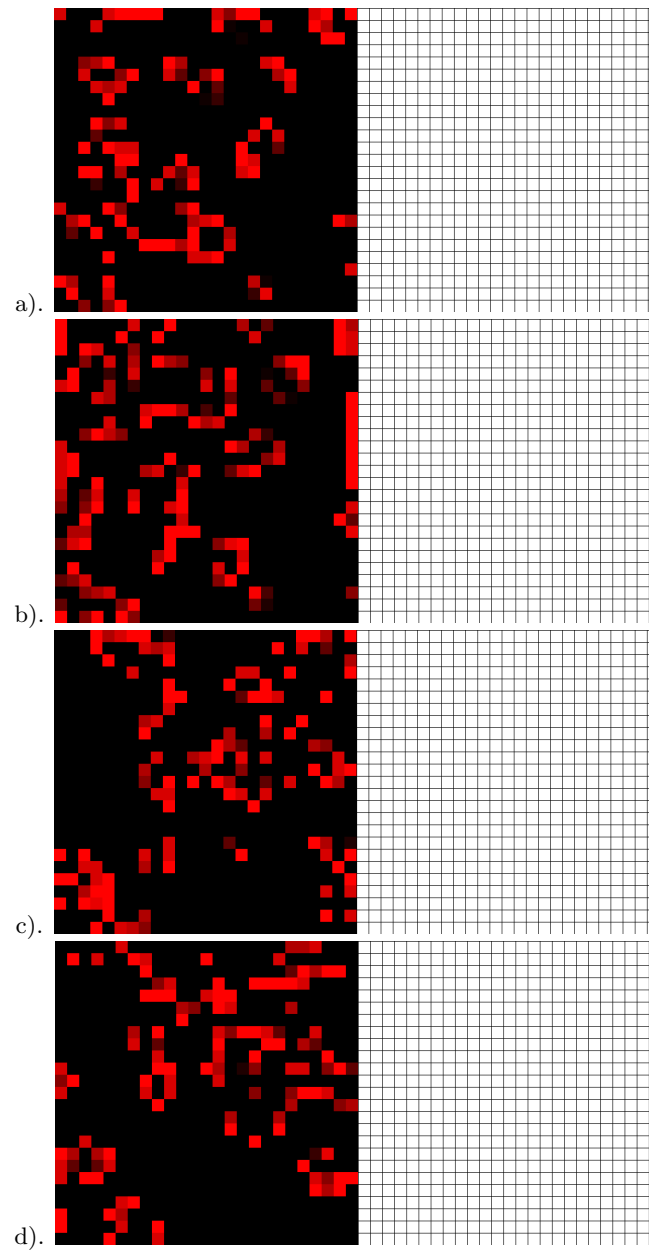


FIG. 2: Configuration of cells in game Life after a) 20, b) 25, c) 30, and d) 35 steps.