

HPCA-PC Exercise Sheet 2 — Group 1

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Conway's Game of Life

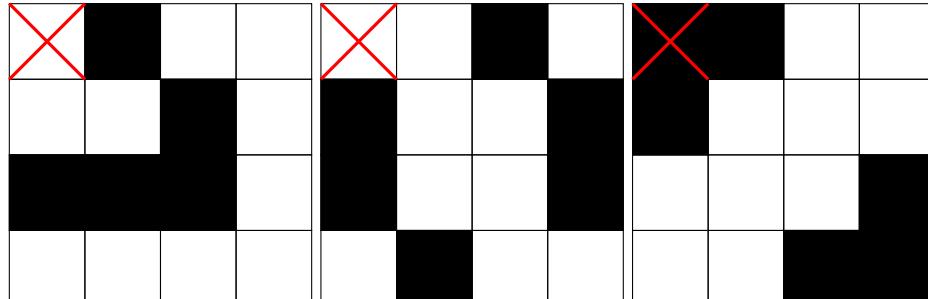
Exercise 1.1: Design of the Cellular Automaton

Exercise 1.2: Implement Conway's Game of Life

Exercise 1.3: Implement a Command Line Interface

Starting cell of multi-cell figures at the grid position (x,y)

Explanation — WORK IN PROGRESS (LUIZ)



Glider

Toad

Beacon

Exercise 1.4: Optimization Level and Compilation Settings

Exercise 1.5: Simulation Time per Grid Size