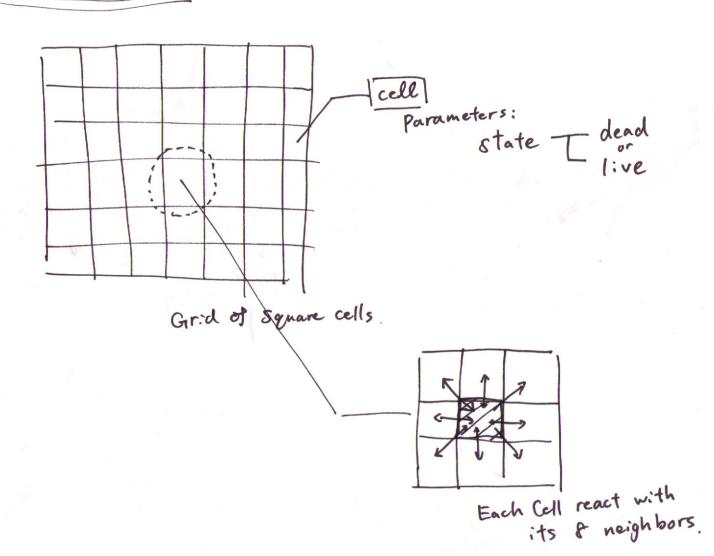
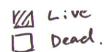
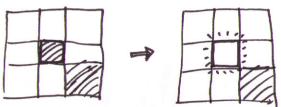
## GAME OF LIFE



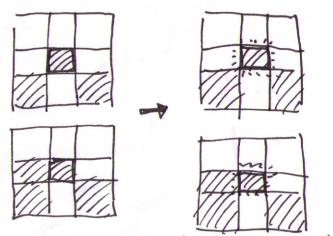
eMake a rule for survival of each cell using the number of live heighbors.





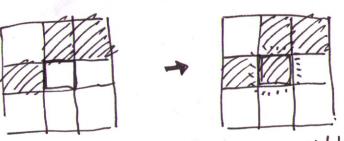


Live cell with 1 live neighbor -> dies on next generation.



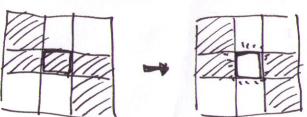
Live Cell with 223 live neighbors

- lives on next generation



Dead Cell with 3 live neighbors

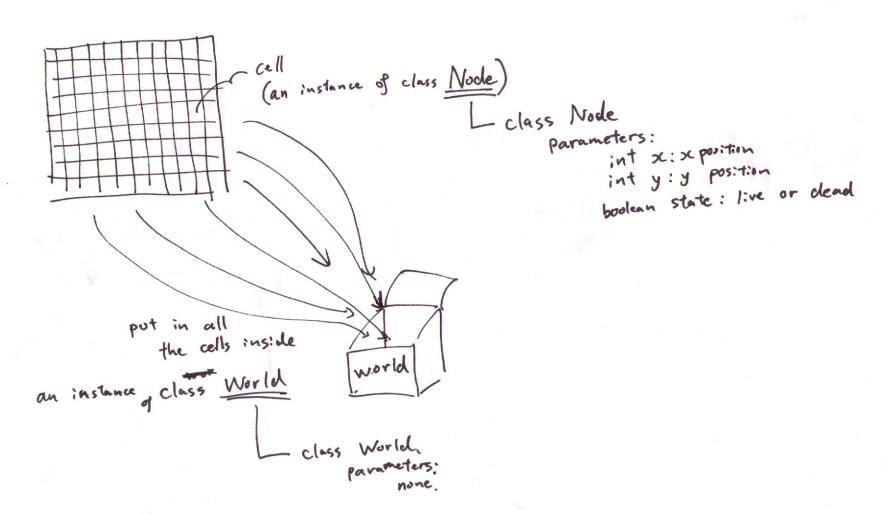
—) lives on Alext generalism



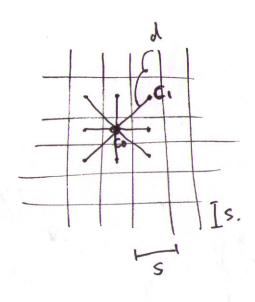
Live Cell with more than 3 live neighbors

- dies on next generation

[Initialization



Initialization



d: distance between center cell and neighboring cells.

(making/deciding neighbors)

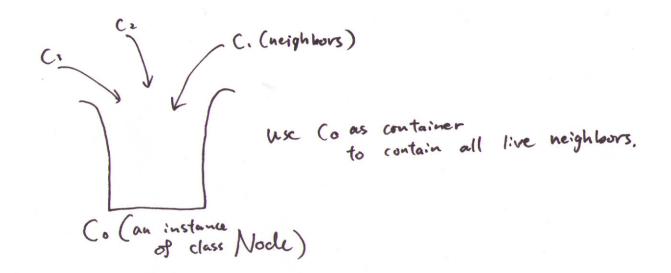
if (d < sx1.5) then

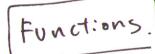
C, = neighbor

else

C, = not neighbor

(C.)





render: function to render squares.

- next generation: function to change the state on next generation based on the rule you made.

next generation

- make rules

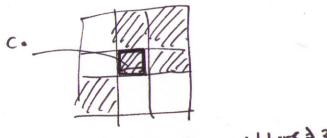
- using If)

- change state of cell based on the rule

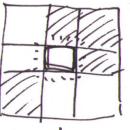
- change state of cell based on the rule

(by making new List of all cells for next generation;

the state of all cells for next generation;



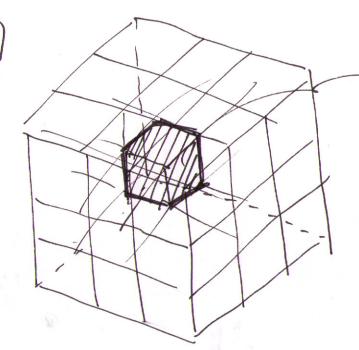
if (Co = live && neighbors & 3) then



Co dies.

on next generation.





Cencer cube (cell) has 26 neighbors.

- rule may be different
- Z coordination is added.

## Additional Rule

- how ling it survived.

- how many cells un bottom of its cell relation with other element such as agent