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Question 1

Why are learning and signaling important in Swarm Intelligence?

- They could recognize other agents and remember outcomes. This could lead to cooperation

- It would be possible to inform about dangers or good without physically guiding them.
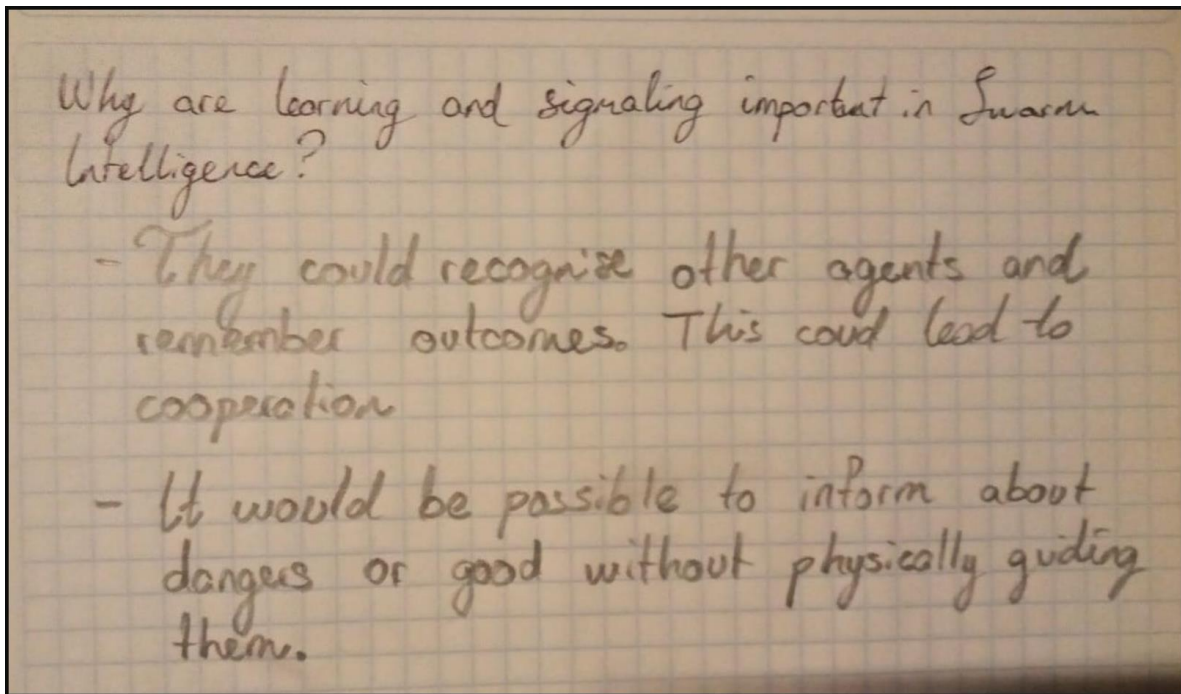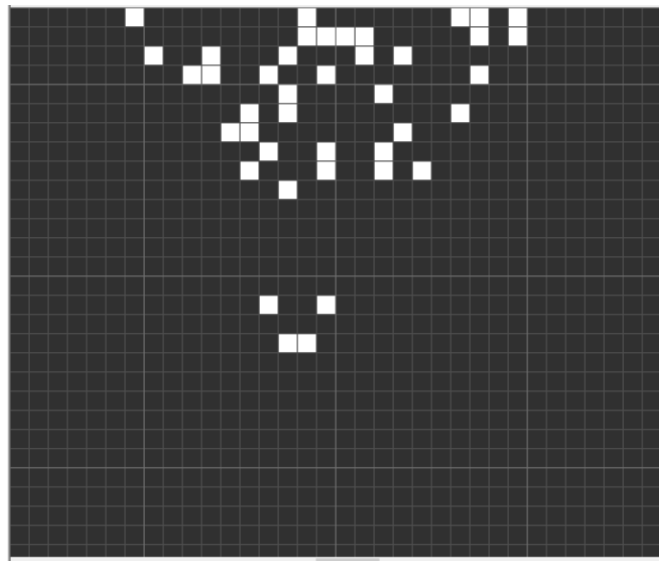
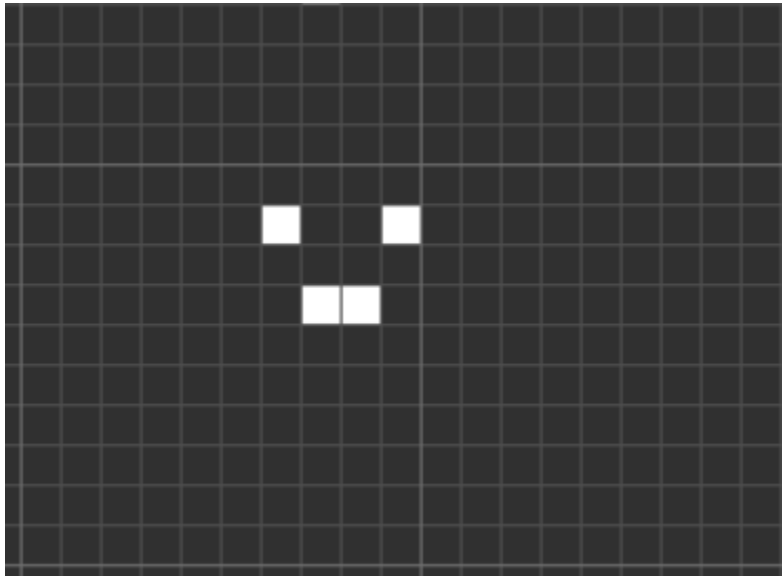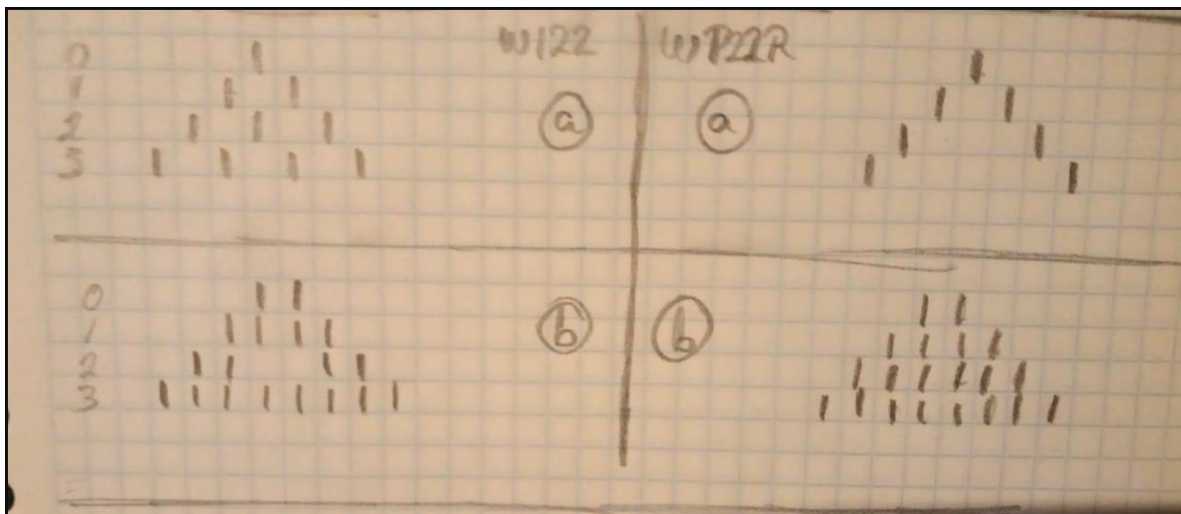# Question 2

From an initial configuration randomly chose

The glider is:

Question 3

Question 4

0: 0
1: 2
2: 1
3: 3
4: 4
5: 5
6: 6
7: 7
8: 8
9: 9
10: 10
11: 11
12: 12

13: 13
14: 14
15: 15

Question 5

El fractal de Vicsek

- Dado un cuadro, dividido en 9 sectores congruentes, las esquinas y el centro se conservan

- Los cuadrantes conservados, se les repite el paso anterior