1)  
A)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | V | | | | | i | Menor | j | 7? | 10? |
| [0] | [1] | [2] | [3] | [4] |
| 5 | ~~7~~ | ~~2~~ | ~~5~~ | ~~4~~ | 9 | ~~0~~ | ~~0~~ ~~1~~ | ~~1~~ | V |  |
|  |  |  |  |  |  |  |  | ~~2~~ | F |  |
|  |  |  |  |  |  |  |  | ~~3~~ | F |  |
|  | 2 | ~~7~~ |  |  |  |  |  | ~~4~~ | F | V |
|  |  |  |  |  |  | ~~1~~ | ~~1~~ ~~2~~ | ~~2~~ | V |  |
|  |  |  |  |  |  |  | ~~3~~ | ~~3~~ | V |  |
|  |  | 4 |  | 7 |  |  |  | ~~4~~ | F | V |
|  |  |  |  |  |  | 2 | ~~2~~ | 3 | F |  |
|  |  |  |  |  |  |  |  | 4 | F | F |
|  |  |  |  |  |  | 3 | 3 | 4 | F | F |

B)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | V | | | | | i | Menor | j | 7? | 10? |
| [0] | [1] | [2] | [3] | [4] |
| 5 | ~~7~~ | 5 | 5 | ~~3~~ | 9 | ~~0~~ | ~~0~~ ~~1~~ | ~~1~~ | V |  |
|  |  |  |  |  |  |  |  | ~~2~~ | F |  |
|  |  |  |  |  |  |  | ~~3~~ | ~~3~~ | V |  |
|  | 3 |  |  | 7 |  |  |  | ~~4~~ | F | V |
|  |  |  |  |  |  | ~~1~~ | ~~1~~ | ~~2~~ | F |  |
|  |  |  |  |  |  |  |  | ~~3~~ | F |  |
|  |  |  |  |  |  |  |  | ~~4~~ | F | F |
|  |  |  |  |  |  | 2 | ~~2~~ | 3 | F |  |
|  |  |  |  |  |  |  |  | 4 | F | F |
|  |  |  |  |  |  | 3 | 3 | 4 | F | F |

C)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | V | | | | | i | Menor | j | 7? | 10? |
| [0] | [1] | [2] | [3] | [4] |
| 4 | 1 | 2 | 3 | ~~4~~ |  | ~~0~~ | ~~0~~ | ~~1~~ | F |  |
|  |  |  |  |  |  |  |  | ~~2~~ | F |  |
|  |  |  |  |  |  |  |  | ~~3~~ | F | F |
|  |  |  |  |  |  | ~~1~~ | ~~1~~ | ~~2~~ | F |  |
|  |  |  |  |  |  |  |  | ~~3~~ | F | F |
|  |  |  |  |  |  | 2 | ~~2~~ | 3 | F | F |

D)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | V | | | | | i | Menor | j | 7? | 10? |
| [0] | [1] | [2] | [3] | [4] |
| 4 | ~~4~~ | ~~3~~ | ~~2~~ | ~~1~~ |  | ~~0~~ | ~~0~~ ~~1~~ | ~~1~~ | V |  |
|  |  |  |  |  |  |  | ~~2~~ | ~~2~~ | V |  |
|  | 1 |  |  | 4 |  |  | ~~3~~ | ~~3~~ | V | V |
|  |  |  |  |  |  | ~~1~~ | ~~1~~ ~~2~~ | ~~2~~ | V |  |
|  |  | 2 | 3 |  |  |  |  | ~~3~~ | F | V |
|  |  |  |  |  |  | 2 | ~~2~~ | 3 | F | F |

2) Da problema por que ela vai buscar informação de um espaço que não está sendo usado.

3) Não muda nada, vai manter dependendo da situação, por que só o primeiro vai mudar de lugar se mudar

4)  
A) 0  
B) 2