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Pseudocode Final Project

how to solve any type of labyrinth

1. Consider that the labyrinth will be divided by squares, and that some will not be available for you to move in them
2. Identify where is your start point, search in every possible square
3. Identify where the exit is, search in every possible square
4. Consider your options of movement (left, up, right, down) you must use those options in that same order.
5. Once you already know where you start, proceed by seeing if the square at the "left" to your starting point is available.
6. If possible, move your current location to that square.
7. If not possible, try with the square "up".
8. If possible, move your current location to that square.
9. If not possible, try with the square to your "right".
10. If possible, move your current location to that square.
11. If not possible, try with the square "down".
12. Once one of this 4 options is possible and you already move your location to that free space, repeat the same process in the same order (starting with left and ending with down)
13. If there is a square that has two or more different available options you need to try both, when one of those paths fails, you go back to the square with the two different options and try the other one.
14. Repeat this whole process until you find the exit.

Search in every possible way = search with the same steps applied to solve the labyrinth (left, up, right, down)

Square= available or not available spaces where you can or can't go to