Rat in a maze,

Les This a very famous quertion for backtrocking

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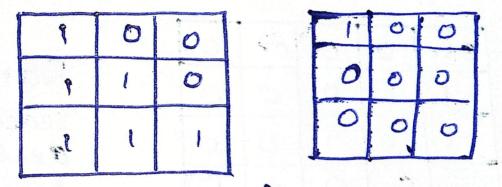
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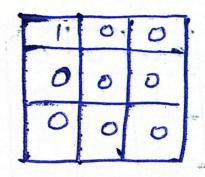
Rat has to beach the destination from the source.

- O means the path is blocked i means the path is open
- · Rat can move Left, Right, Down, Up
- · We can move farward only when:
 - The indez is inside the average.
 - Next position is 1.
 - We howen't visited that path before.
 (Will create a VISITED ARRAY for that)
- · Use of backtracking:

Suppose we reached a paint when one part of Code is done, now when we move to the other part, we have to backtrack other senitors too. So we make the visited average as it was before after completing one part.

Bare Care - When we neach the destination We assume that we have neached the base case, here, we will add the path to the answer vector





· We have to initialize V.A [0] [0] as one

Time Complexity:

TC = 0(4")