11/24/22, 5:38 PM The Maze - LeetCode

■ Description
△ Solution
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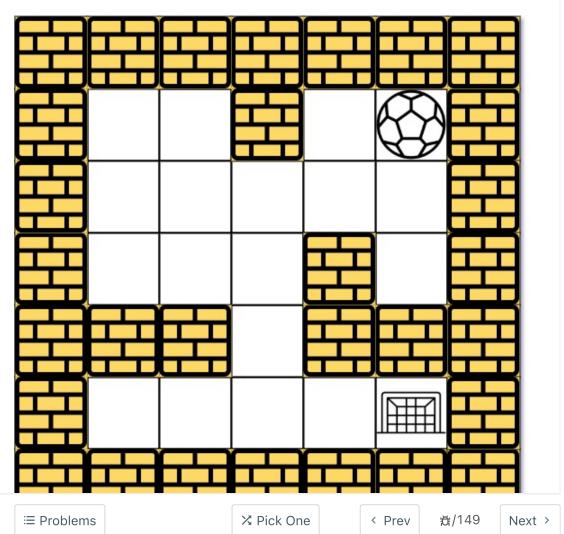
490. The Maze

There is a ball in a maze with empty spaces (represented as 0) and walls (represented as 1). The ball can go through the empty spaces by rolling **up, down, left or right**, but it won't stop rolling until hitting a wall. When the ball stops, it could choose the next direction.

Given the m x n maze, the ball's start position and the destination, where start = [start_{row}, start_{col}] and destination = [destination_{row}, destination_{col}], return true if the ball can stop at the destination, otherwise return false.

You may assume that **the borders of the maze are all walls** (see examples).

Example 1:



```
class Solutic
   1 ▼
   2
             vector<ve
   3
         public:
   4
              bool isVc
         y, int n, int
         vector<vector
   5 ▼
              {
   6
                  if(x
         x >= n \mid \mid y >
         [y] == 1) ret
   7
                  retur
   8
   9
             bool
         canWeReach(ve
         >& maze,int x
         y, vector<int>
         destination, i
  10 ▼
              {
  11
                  maze[
  12
  13
                  if(x
         destination[€
         destination[1
  14
  15
  16
                  for(i
  17 ▼
  18
         newy = y;
  19
          while(isVali
         [0], newy+dir
         maze))
  20 ▼
                       {
  21
         dirs[i][0];
  22
         dirs[i][1];
  23
                       }
  24
  25
         [newy] != 2 8
         canWeReach(mc
         newy, destinat
  26
  27
                  }
  28
  29
                  retur
  Your previous code was re
Contribute i
             ▶ Run Code
```

i C++

Auto