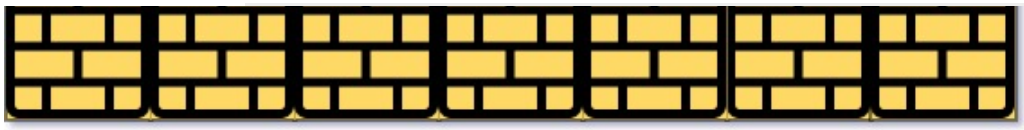
Description Solution Discuss (561) Submissions



Input: maze = [[0,0,1,0,0],[0,0,0,0,0],[0,0,0,1,0],[1,1,0,1,1],[0,0,0,0,0]], start = [0,4], destination = [3,2]
Output: false
Explanation: There is no way for the ball to stop at the destination. Notice that you can pass through the destination but you cannot stop there.

Example 3:

Input: maze = [[0,0,0,0,0],[1,1,0,0,1],[0,0,0,0,0],[0,1,0,0,1],[0,1,0,0,0]], start = [4,3], destination = [0,1]
Output: false

Constraints:

- `m == maze.length`
- `n == maze[i].length`
- `1 <= m, n <= 100`
- `maze[i][j]` is `0` or `1`.
- `start.length == 2`
- `destination.length == 2`
- $0 <= start_{row}, destination_{row} <= m$
- $0 <= start_{col}, destination_{col} <= n$
- Both the ball and the destination exist in an empty space, and they will not be in the same position initially.
- The maze contains **at least 2 empty spaces**.

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```
class Solutic
    vector<ve
public:
    bool isVc
y, int n, int
vector<vector
    {
        if(x
x >= n || y >
[y] == 1) ret
        retur
    }
    bool
canWeReach(ve
>& maze,int x
y,vector<int>
destination,i
    {
        maze[

        if(x
destination[0
destination[1
            r

        for(i
        {
            i
newy = y;

 while(isVali
[0], newy+dir
maze))
            {

dirs[i][0];

dirs[i][1];
            }

            i
[newy] != 2 &
canWeReach(mc
newy,destinat

        }

        retur
    }
```

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