Description

LeetCode Explore

△ Solution

□ Discuss (999+)

O Submissions

Success Details >

Runtime: 0 ms, faster than 100.00% of C++ online submissions for Unique Paths II.

Problems Interview Contest

Memory Usage: 7.9 MB, less than 11.26% of C++ online submissions for Unique Paths II.

Next challenges:

Unique Paths

Unique Paths III

Show off your acceptance:







Time Submitted	Status	Runtime	Memory	Language
11/29/2021 01:39	Accepted	0 ms	7.9 MB	срр

```
i C++
                                         5
                  Autocomplete
 3 ▼
          int
      uniquePathsWithObstacles(vector<vect
      or<int>>& obstacleGrid) {
 4
               int m = obstacleGrid.size();
 5 ▼
               if (m == 0) {
 6
                   return 0:
 7
 8
               int n =
      obstacleGrid[0].size();
 9 ▼
               if (n == 0) {
10
                   return 0:
11
12
               vector<vector<int>>> cache(m,
      vector<int>(n, -1));
13
               return dfs(obstacleGrid,
      cache, 0, 0, m, n);
14
15
16 ▼
      int dfs(vector<vector<int>>&
      obstacleGrid, vector<vector<int>>&
      cache, int i, int j, int m, int n){
17 ▼
               if (obstacleGrid[i][j] == 1)
18
                   return 0;
19
20 ▼
               if (i + 1 == m \&\& j + 1 ==
      n) {
21
                   return 1;
22
               if (cache[i][j] != -1) {
23 ▼
24
                   return cache[i][j];
25
26
               int paths = 0;
27 ▼
              if (i + 1 < m) {
28
                   paths +=
      dfs(obstacleGrid, cache, i + 1, j,
      m, n);
29
              if (j + 1 < n) {
30 ▼
31
                   paths +=
      dfs(obstacleGrid, cache, i, j + 1,
      m, n);
32
```