Unique Paths II

My Submissions (/problems/unique-paths-ii/submissions/)

Question | Solution

Total Accepted: **45463** Total Submissions: **162363** Difficulty: **Medium**

Follow up for "Unique Paths":

Now consider if some obstacles are added to the grids. How many unique paths would there be?

An obstacle and empty space is marked as `1` and `0` respectively in the grid.

For example,

There is one obstacle in the middle of a 3x3 grid as illustrated below.

```
[
  [0,0,0],
  [0,1,0],
  [0,0,0]
]
```

The total number of unique paths is `2`.

Note: *m* and *n* will be at most 100.

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Python

```
class Solution(object):
    def uniquePathsWithObstacles(self, obstacleGrid):
        """
        :type obstacleGrid: List[List[int]]
        :rtype: int
        """
        row = len(obstacleGrid)
        col = len(obstacleGrid[0])
        for i in range(row):
```

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```
10              for j in range(col):
11                  if obstacleGrid[i][j]==1:obstacleGrid[i][j]=0
12                  elif i==0 and j==0:obstacleGrid[i][j]=1
13                  elif i==0:obstacleGrid[i][j]=obstacleGrid[i][j-1]
14                  elif j==0:obstacleGrid[i][j]=obstacleGrid[i-1][j]
15                  else:obstacleGrid[i][j]=obstacleGrid[i][j-1]+obstacleGrid[i-1
16          return obstacleGrid[row-1][col-1]
```

Custom Testcase

Run Code | Submit Solution

Submission Result: Accepted (/submissions/detail/40565461/)

More Details ❯ (/submissions/detail/40565461/)

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