

Leetcode 64. Minimum Path Sum

LeetCode

Explore Day 11 Problems Mock Contest Discuss Store

December LeetCode Challenge 🔥 ✕

Premium 🔒 📄 🔔 👤

Description

Solution

Discuss (999+)

Submissions

Success

Details >

Runtime: **2 ms**, faster than **81.55%** of Java online submissions for Minimum Path Sum.

Memory Usage: **41.6 MB**, less than **80.43%** of Java online submissions for Minimum Path Sum.

Next challenges:

Unique Paths Dungeon Game Cherry Pickup

Show off your acceptance: f t in

Time Submitted	Status	Runtime	Memory	Language
12/12/2020 15:32	Accepted	2 ms	41.6 MB	java

Problems

Pick One

< Prev

64/1683

Next >

i Java

Autocomplete

```
1 * class Solution {
2 *     public int minPathSum(int[][] grid) {
3 *         int m = grid.length;
4 *         int n = grid[0].length;
5 *         int[][] dp = new int[m + 1][n + 1];
6 *
7 *         for (int i = 0; i <= m; i++)
8 *             Arrays.fill(dp[i], Integer.MAX_VALUE);
9 *
10 *        dp[0][1] = 0;
11 *        dp[1][0] = 0;
12 *
13 *        for (int i = 1; i <= m; i++) {
14 *            for (int j = 1; j <= n; j++) {
15 *                dp[i][j] = Math.min(dp[i - 1][j], dp[i][j - 1]) + grid[i - 1][j - 1];
16 *            }
17 *        }
18 *        return dp[m][n];
19 *    }
20 * }
```

Testcase Run Code Result Debugger 🔒

Accepted Runtime: 0 ms 🔔

Your input

[[1,3,1],[1,5,1],[4,2,1]]
[[1,2,3],[4,5,6]]

Output

7
12

Diff

Expected

7
12

Console + How to create a testcase ⌵

Run Code Submit