

LeetCode

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October LeetCode Challenge 2021

Premium

Description

Solution

Discuss (999+)

Submissions

Java

Autocomplete

79. Word Search

Medium

7342

280

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Given an $m \times n$ grid of characters `board` and a string `word`, return `true` if `word` exists in the grid.

The word can be constructed from letters of sequentially adjacent cells, where adjacent cells are horizontally or vertically neighboring. The same letter cell may not be used more than once.

Example 1:

A	B	C	E
S	F	C	S
A	D	E	E

Input: board = [["A","B","C","E"],["S","F","C","S"], ["A","D","E","E"]], word = "ABCCED"
Output: true

Example 2:

A	B	C	E
S	F	C	S
A	D	E	E

Input: board = [["A","B","C","E"],["S","F","C","S"], ["A","D","E","E"]], word = "SEE"
Output: true

Example 3:

A	B	C	E
S	F	C	S
A	D	E	E

Input: board = [["A","B","C","E"],["S","F","C","S"], ["A","D","E","E"]], word = "ABCE"
Output: false

Constraints:

- $m == \text{board.length}$
- $n = \text{board}[i].length$
- $1 \leq m, n \leq 6$
- $1 \leq \text{word.length} \leq 15$
- `board` and `word` consists of only lowercase and uppercase English letters.

Follow up: Could you use search pruning to make your solution faster with a larger board?

Accepted 786,632 Submissions 2,029,721

Seen this question in a real interview before?

Yes

No

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1

class Solution {

2

public boolean exist(char[][] board, String word) {

3

4

}

5

}

Problems

Pick One

< Prev

79/2031

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Console

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Run Code

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