Quad Layout

TypeScript

14px

Sublime

Prompt

Difficulty: Category: Recursion

Successful Submissions: 5,439+

Interweaving Strings ○ ☆



Write a function that takes in three strings and returns a boolean representing whether the third string can be formed by interweaving the first two strings.

To interweave strings means to merge them by alternating their letters without any specific pattern. For instance, the strings ["abc" and can be interwoven as ["a1b2c3" "abc123" , and as "ab1c23" (this list is nonexhaustive).

Letters within a string must maintain their relative ordering in the interwoven string.

Sample Input

```
one = "algoexpert"
two = "your-dream-job"
three = "your-algodream-expertjob"
```

Sample Output

true

Hints

Hint 1

Hint 2

Your Solutions

Run Code

```
Solution 1
```

```
▼ export function interweavingStrings(
      // Write your code here.
3
     return false;
   }
5
```

Hint 3



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Hint 4



Close

Optimal Space & Time Complexity

Custom Output

Submit Code

Run or submit code when you're ready.

Tests

Test Case 1

```
1 {
2  "one": "algoexpert",
3  "two": "your-dream-job",
4
```