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Prompt Scratchpad Our Solution(s) Video Explanation Run Code

Solution 1 Solution 2

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```
1\, // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
 3 package main
5 // O(2^{n} + m) time | O(n + m) space - where n is the length
 ^{\rm 6}\, // of the first string and m is the length of the second string
 7 func InterweavingStrings(one, two, three string) bool {
    if len(three) != len(one)+len(two) {
       return false
11
    return areInterwoven(one, two, three, 0, 0)
12 }
13
14 \, func areInterwoven(one, two, three string, i, j int) bool {
15
    if k == len(three) {
16
17
       return true
18
19
20
      if i < len(one) \&\& one[i] == three[k] {
21
       if areInterwoven(one, two, three, i+1, j) {
22
         return true
23
24
25
26
     if j < len(two) && two[j] == three[k] {</pre>
27
       return areInterwoven(one, two, three, i, j+1)
28
29
     return false
30 }
```