Run Code

Our Solution(s)

Run Code

```
Your Solutions
```

1 package main

Solution 1 Solution 2 Solution 3

```
3 func InterweavingStrings(one, two, three string) bool {
    // Write your code here.
    return false
```

```
Solution 1 Solution 2
 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
10
     {\color{red} {return}} areInterwoven(one, two, three, 0, 0)
11
12 }
13
14 func areInterwoven(one, two, three string, i, j int) bool {
     k := i + j
     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 }
31
```

Run or submit code when you're ready.

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