if len(big)%2 == 0 {

33

Our Solution(s)

Run Code

**Your Solutions** 

Solution 1 Solution 2

Run Code

```
Solution 1 Solution 2 Solution 3
                                      Solution 4
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   package main
   // O(nm*min(n, m)) time | O((min(n, m))^2) space
 6 func LongestCommonSubsequence(s1 string, s2 string) string {
     small, big := s1, s2
     if len(s1) > len(s2) {
9
       small, big = big, small
10
11
     evenlcs := make([]string, len(small)+1)
12
     \verb"oddlcs := make([] string, len(small) + 1)
13
     currentlcs, previouslcs := evenlcs, oddlcs
     for i := 1; i < len(big)+1; i++ {</pre>
14
15
       if i%2 == 1 {
16
         currentlcs, previouslcs = oddlcs, evenlcs
17
       } else {
         currentlcs, previouslcs = evenlcs, oddlcs
18
19
20
       for j := 1; j < len(small)+1; j++ {</pre>
21
         if big[i-1] == small[j-1] {
22
           currentlcs[j] = string(append([]byte(previouslcs[j-1]), big[i-
23
           if len(previouslcs[j]) > len(currentlcs[j-1]) {
25
             currentlcs[j] = previouslcs[j]
26
            } else {
27
             currentlcs[j] = currentlcs[j-1]
28
29
30
31
32
```

```
1 package main
3 // O(nm*min(n, m)) time | O(nm*min(n, m)) space
4 func LongestCommonSubsequence(s1 string, s2 string) string {
   // Write your code here.
    return ""
7 }
```

Solution 3

\_\_\_

Run or submit code when you're ready.

To "Section Sections "Section |

Control or "

Control or