

Our Solution(s)

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(nd) time | O(nm) space)
5     func levenshteinDistance(firstString: String, secondString:
6         var edits = [[Int]]()
7
8     for i in 0 ..< firstString.count + 1 {
9         var row = [Int]()
10
11         for j in 0 ..< secondString.count + 1 {
12             row.append(j)
13         }
14
15         row[0] = i
16         edits.append(row)
17     }
18
19     for i in 1 ..< firstString.count + 1 {
20         for j in 1 ..< secondString.count + 1 {
21             let firstIndex = firstString.index(firstString.s
22             let secondIndex = secondString.index(secondStrin
23
24             if firstString[firstIndex] == secondString[secon
25                 edits[i][j] = edits[i - 1][j - 1]
26             } else {
27                 edits[i][j] = 1 + min(edits[i - 1][j - 1], m
28             }
29         }
30     }
31
32     return edits[firstString.count][secondString.count]
33 }
```

Your Solutions

Whiteboard Mode

Run Code

Solution 1

Solution 2

Solution 3

```
1 class Program {
2     func levenshteinDistance(firstString: String, secondString:
3         // Write your code here.
4         return -1
5     }
6 }
7
```

```
1 def test_1():
2     program = Program()
3     test_case_1()
4     test_case_2()
5     test_case_3()
6     test_case_4()
7     test_case_5()
8     test_case_6()
9     test_case_7()
10    test_case_8()
11    test_case_9()
12    test_case_10()
13    test_case_11()
14    test_case_12()
15    test_case_13()
16    test_case_14()
17    test_case_15()
18    test_case_16()
19    test_case_17()
20    test_case_18()
21    test_case_19()
22    test_case_20()
23    test_case_21()
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94    test_case_92()
95    test_case_93()
96    test_case_94()
97    test_case_95()
98    test_case_96()
99    test_case_97()
100   test_case_98()
101   test_case_99()
102   test_case_100()
```

Whiteboard Mode

Run or submit code when you're ready.