Our Solution(s) Run Code

Solution 1 Solution 2

```go
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package main

import "math"

// O(nm) time | O(min(n, m)) space
func LevenshteinDistance(a, b string) int {
  small, big := a, b
  if len(a) > len(b) {
    big, small = small, big
  }
  evenEdits := make([]int, len(small)+1)
  oddEdits := make([]int, len(small)+1)
  var previousEdits, currentEdits []int
  for i := range evenEdits {
    evenEdits[i] = i
    oddEdits[i] = math.MinInt32
  }
  for i := 1; i < len(big)+1; i++ {
    if i%2 == 1 {
      currentEdits, previousEdits = oddEdits, evenEdits
    } else {
      currentEdits, previousEdits = evenEdits, oddEdits
    }
    currentEdits[0] = i
    for j := 1; j < len(small)+1; j++ {
      if big[i-1] == small[j-1] {
        currentEdits[j] = previousEdits[j-1]
      } else {
        currentEdits[j] = 1 + min(previousEdits[j-1], previousEdits[j], currentEd
      }
    }
  }
  if len(big)%2 == 0 {
    return evenEdits[len(small)]
  }
  return oddEdits[len(small)]
}

func min(args ...int) int {
  curr := args[0]
  for _, num := range args {
    if curr > num {
      curr = num
    }
  }
  return curr
}

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```go
package main

func LevenshteinDistance(a, b string) int {
  // Write your code here.
  return -1
}

```

Custom Output Raw Output Submit Code

Run or submit code when you're ready.