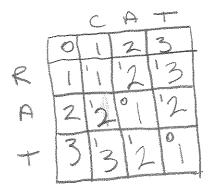
Nicholas CMSC 476/676 Levenshten Distance Worksheet (based on, and that's to, Michael Gillelad http://www.merrianpark.com/ld.htm)

Step	Description						
1	Set n to be the length of s. Set m to be the length of t. If n = 0, return m and exit. If m = 0, return n and exit. Construct a matrix containing 0m rows and 0n columns.						
2	Initialize the first row to 0n. Initialize the first column to 0m.						
3	Examine each character of s (i from 1 to n).						
4	Examine each character of t (j from 1 to m).						
5	If s[i] equals t[j], the cost is 0. If s[i] doesn't equal t[j], the cost is 1. (and note in upper left of each cell)						
6	Set cell d[i,j] of the matrix equal to the minimum of: a. The cell immediately above plus 1: d[i-1,j] + 1. b. The cell immediately to the left plus 1: d[i,j-1] + 1. c. The cell diagonally above and to the left plus the cost: d[i-1,j-1] + cost.						
7	After the iteration steps $(3, 4, 5, 6)$ are complete, the distance is found in cell d[n,m].						



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