Isaac Campos

Lab 7 Edit Distance

**Introduction**

In programing there this thing call Dynamic programing that essentially can help us split or make the bigger problem into smaller ones.Edit distance is used to determined how dissimilar two strings are from each other by counting how many operations it will need to make both string similar.and that my job for this lab figure out how to implement this data structure.

**Proposed Solution**

My idea to solve it is to follows Diego idea some what follow,the first case is if one of the strings is zeros the return the other one or if one of the string is empty.if in any case the strings are bigger than 1 then I will compare the first element with each other and check if there the same if at any point any of the strings are not the same then the following operation will either remove,insert and replace.

**Experimental Result**

For the experimental result I did the same as above check if both words are the same different words but same letters case 2 was “spot” “stop” change a few words. And in this it will return 2.pretty straight forward.