**Q:-1**

#### Given 2 strings of S1 and S2 with lengths m and n respectively, find the length of longest common subsequence.

#### A subsequence of a string S whose length is n, is a string containing characters in same relative order as they are present in S, but not necessarily contiguous. Subsequences contain all the strings of length varying from 0 to n. E.g. subsequences of string "abc" are - "",a,b,c,ab,bc,ac,abc.

##### Input Format :

Line 1 : String S1

Line 2 : String s2

##### Output Format :

Line 1 : Length of lcs

##### Sample Input :

adebc

dcadb

##### Sample Output :

3

**Q:-2**

**Edit Distance - Problem**

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Given two strings s and t of lengths m and n respectively, find the Edit Distance between the strings. Edit Distance of two strings is minimum number of steps required to make one string equal to other. In order to do so you can perform following three operations only :

1. Delete a character

2. Replace a character with another one

3. Insert a character

**Note - Strings don't contain spaces**

**Input Format :**

Line 1 : String s

Line 2 : String t

**Output Format :**

Line 1 : Edit Distance value

**Constraints**

1<= m,n <= 20

**Sample Input 1 :**

abc

dc

**Sample Output 1 :**

2