Minimum Insertions/Deletions to Convert String A to String B

str1 = "abcd"

str2 = "anc"

First Question   can I convert String A to string B

→ Yes

What are maximum Operation required to do?

→ If we remove all the char from str1 and add str2 char
   to we get the str2

Max Operation: $n + m$

                 ↓   ↳ str2

            str1   len

           length

what can I not ~~to~~ touch?

a /b c d   ⟶   a n c

2 delet'n   3 Operation

    a n c
      ↳ Insert 1

What can I not touch?

→ Common Subsequence char.

a ~~b~~ c ~~d~~

an c
↑
insertion

deletion

$n -$ ~~no. of deletion~~
Longest Common
Subsequence

n $m -$ length of LCS

$$n + m - 2 \times \text{len of LCS}$$

$\downarrow$ Ans