

Print all LCS sequences

You are given two strings **s** and **t**. Now your task is to print all longest common subsequences in lexicographical order.

Example 1:

Input: s = abaaa, t = baabaca

Output: aaaa abaa baaa

Example 2:

Input: s = aaa, t = a

Output: a

Your Task:

You do not need to read or print anything. Your task is to complete the function **all_longest_common_subsequences()** which takes string a and b as first and second parameter respectively and returns a list of strings which contains all possible longest common subsequences in lexicographical order.

Expected Time Complexity: $O(n^4)$

Expected Space Complexity: $O(K * n)$ where K is a constant less than n.

Constraints:

$1 \leq \text{Length of both strings} \leq 50$