**[Print all LCS sequences](https://practice.geeksforgeeks.org/problems/print-all-lcs-sequences3413/1?utm_source=gfg&utm_medium=article&utm_campaign=bottom_sticky_on_article)**

You are given two strings **s** and **t**. Now your task is to print all longest common sub-sequences 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(n4)  
**Expected Space Complexity:**O(K \* n) where K is a constant less than n.

**Constraints:**  
1 ≤ Length of both strings ≤ 50