```python
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# O(nm*min(n, m)) time | O(nm*min(n, m)) space
def longestCommonSubsequence(str1, str2):
    lcs = [[[] for x in range(len(str1) + 1)] for y in range(len(str2) + 1)]
    for i in range(1, len(str2) + 1):
        for j in range(1, len(str1) + 1):
            if str2[i - 1] == str1[j - 1]:
                lcs[i][j] = lcs[i - 1][j - 1] + [str2[i - 1]]
            else:
                lcs[i][j] = max(lcs[i - 1][j], lcs[i][j - 1], key=len)
    return lcs[-1][-1]
```