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Dash







Longest Common Subsequence □

Difficulty: Medium Accuracy: 41.68%

Submissions: 306K+

Points: 4

Given two strings s1 and s2, return the length of their longest common subsequence (LCS). If there is no common subsequence, return 0.

A subsequence is a sequence that can be derived from the given string by deleting some or no elements without changing the order of the remaining elements. For example, "ABE" is a subsequence of "ABCDE".

Examples:

Input: s1 = "ABCDGH", s2 = "AEDFHR"

Output: 3

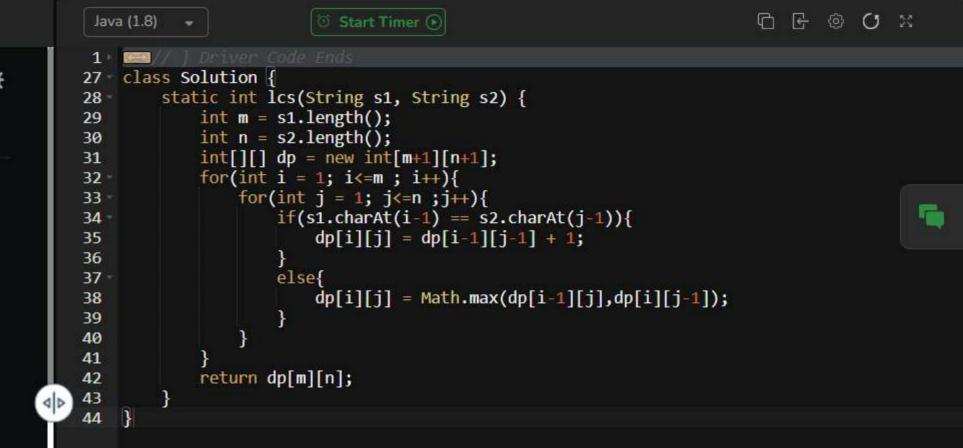
Explanation: The longest common subsequence of "ABCDGH" and "AEDFHR" is "ADH", which has a length of 3.

Input: s1 = "ABC", s2 = "AC"

Explanation: The longest common subsequence of "ABC" and "AC" is "AC",

which has a length of 2.

Output: 2



Custom Input