

115. Distinct Subsequences

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Given two strings *s* and *t*, return *the number of distinct **subsequences** of s which equals t*.

The test cases are generated so that the answer fits on a 32-bit signed integer.

Example 1:

Input: *s* = "rabbbit", *t* = "rabbit"
Output: 3
Explanation:
As shown below, there are 3 ways you can generate "rabbit" from s.
rabbbit
rabbbit
rabbbit

Example 2:

Input: *s* = "babgbag", *t* = "bag"
Output: 5
Explanation:
As shown below, there are 5 ways you can generate "bag" from s.
babgbag
babgbag
babgbag
babgbag
babgbag

Constraints:

- 1 <= *s*.length, *t*.length <= 1000
- s* and *t* consist of English letters.

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

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