

115. Distinct Subsequences

- 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
 - rabbit

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:

- $1 \leq s.length, t.length \leq 1000$
- s and t consist of English letters.