

76. Minimum Window Substring

Given two strings s and t of lengths m and n respectively, return *the **minimum window***

substring

*of s such that every character in t (**including duplicates**) is included in the window. If there is no such substring, return the empty string `""`.*

The testcases will be generated such that the answer is **unique**.

Example 1:

Input: $s = \text{"ADOBECODEBANC"}, t = \text{"ABC"}$

Output: `"BANC"`

Explanation: The minimum window substring `"BANC"` includes 'A', 'B', and 'C' from string t .

Example 2:

Input: $s = \text{"a"}, t = \text{"a"}$

Output: `"a"`

Explanation: The entire string s is the minimum window.

Example 3:

Input: $s = \text{"a"}, t = \text{"aa"}$

Output: `""`

Explanation: Both 'a's from t must be included in the window.

Since the largest window of s only has one 'a', return empty string.