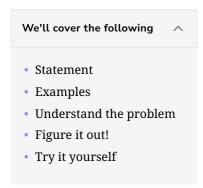


Minimum Window Substring

Try to solve the Minimum Window Substring problem.



Statement

We are given two strings, s and t, find the minimum window substring of t in s.

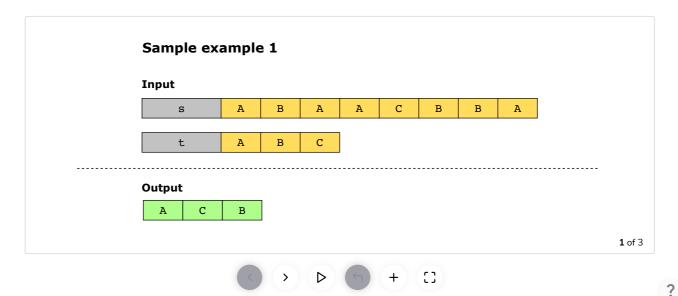
The minimum window substring of t in s is defined as follows:

- 1. It is the shortest substring of s that includes all of the characters present in t.
- 2. The frequency of each character in this substring that belongs to t should be equal to or greater than its frequency in t.
- 3. The order of the characters does not matter here.

Constraints:

- Strings s and t consist of uppercase and lowercase English characters.
- $1 \le \text{s.length}$, t.length $\le 10^3$

Examples



Understand the problem

Тт

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check that you're solving the correct problem.

0

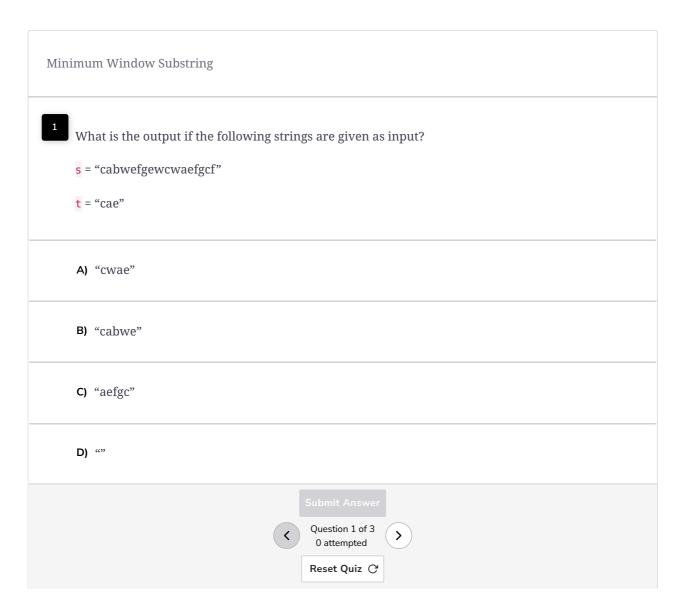
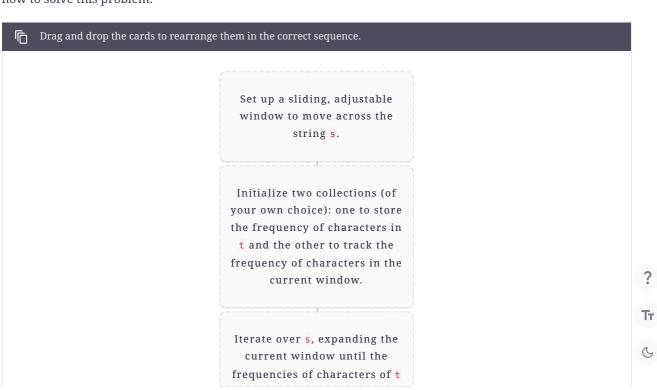
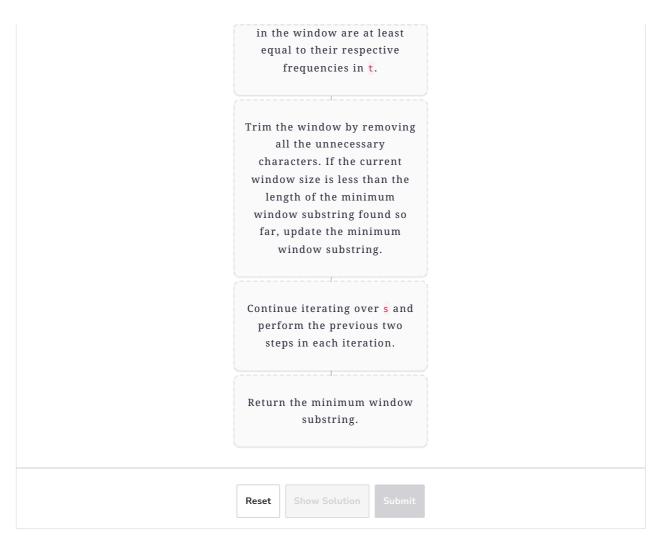


Figure it out!

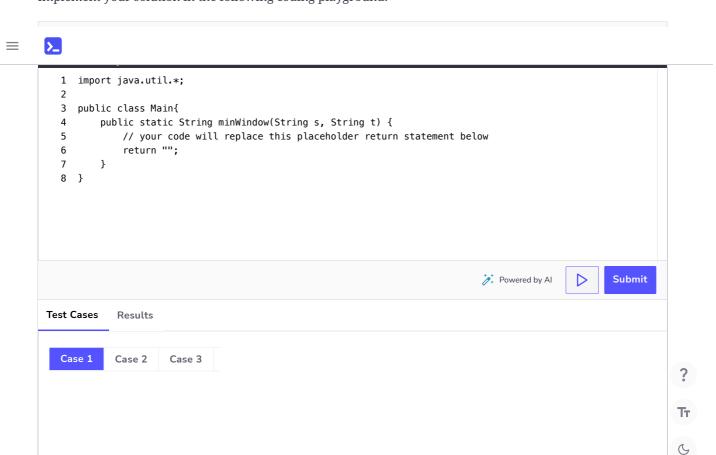
We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.





Try it yourself

Implement your solution in the following coding playground:





Minimum Window Substring



Solution: Minimum Wi...



Solution: Minimum Wi...

