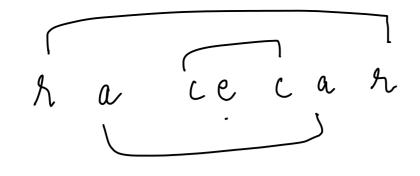
Check Palindrome

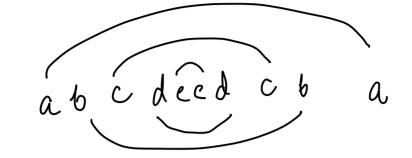
Given a string represented as a character arrays, check it is a **palindrome** or not.

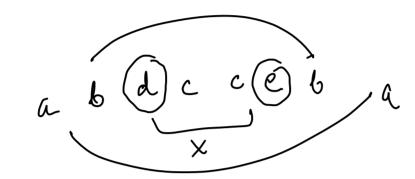
(bglivgrows)

Example Input: "racecar" hacecar Output: true Input : "rotator" Output: true Gassume len of the given string is 'n' 1. (Leate a copy of the given string -) 1. Reverse the Lopy => 1/2 3. Lompare the referred Lopy with me => space: U(n) sming given

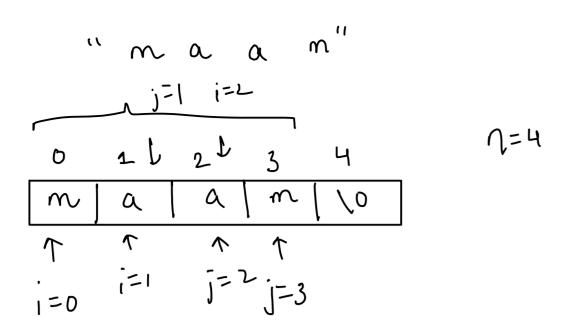
(not a polindrome)







len of the string



Check Anagrams

Given a two strings represented as a character arrays, check if they are anagrams.

note: assume characters the input strings are lowercase letters (a - z).

Example

Input: "state" and "taste"

Sort

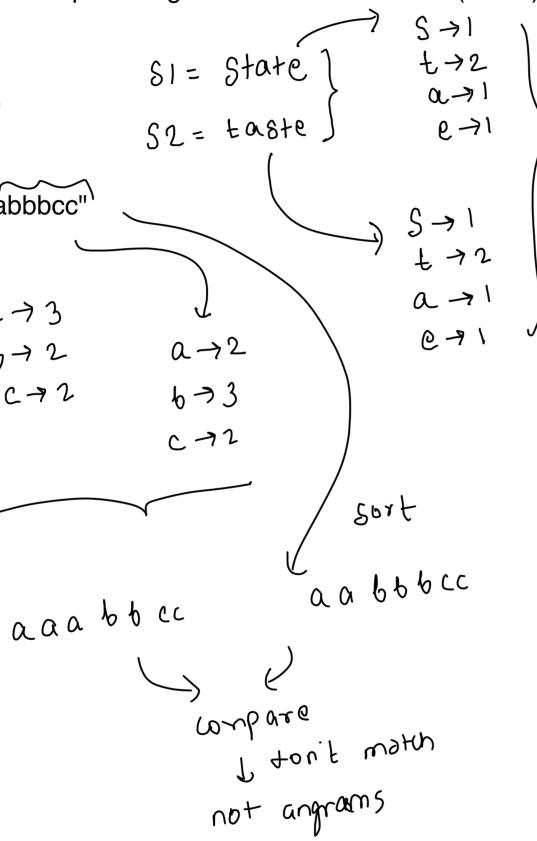
Output: true

Input: "abacbac" and "aabbbcc"

 $\alpha \rightarrow 3$

C72

Output: false



1. Sorting Approach (assume len of SIC) and SZCI is equal to n)

a) Sort SIC) and SZC)

a) Sort SIC) and SZC) nlogn logn try
~ o(nlogn)

b) compare SICT and SZCT

$$\frac{1^{84} \text{ approach}}{2n \log_{2}^{9} + n} = \frac{2^{nd} \text{ approach}}{1 + \eta + 26}$$

$$\frac{1^{8} \text{ approach}}{1 + \eta + 26}$$

$$\frac{1^{8} \text{ approach}}{1 + \eta + 26}$$

$$\frac{1^{8} \text{ approach}}{1 + \eta + 26}$$

$$= \frac{1^{1} \text{ approach}}{1 + \eta + 26}$$

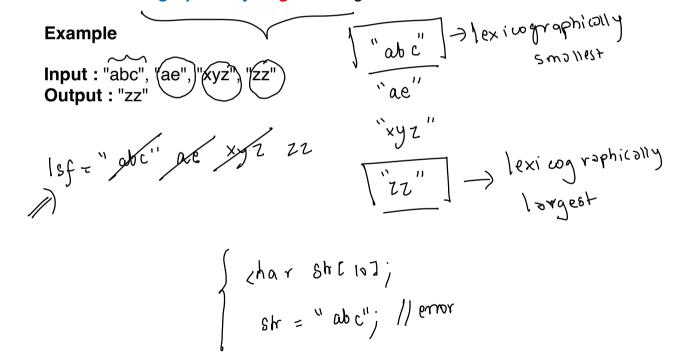
$$= \frac{1^{$$

Find Largest of N Strings

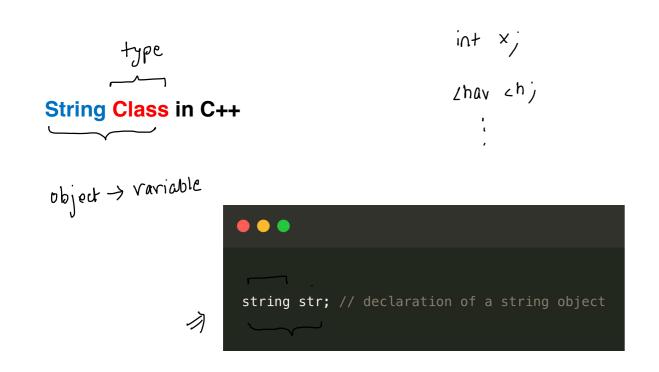
Find Largest of N Strings

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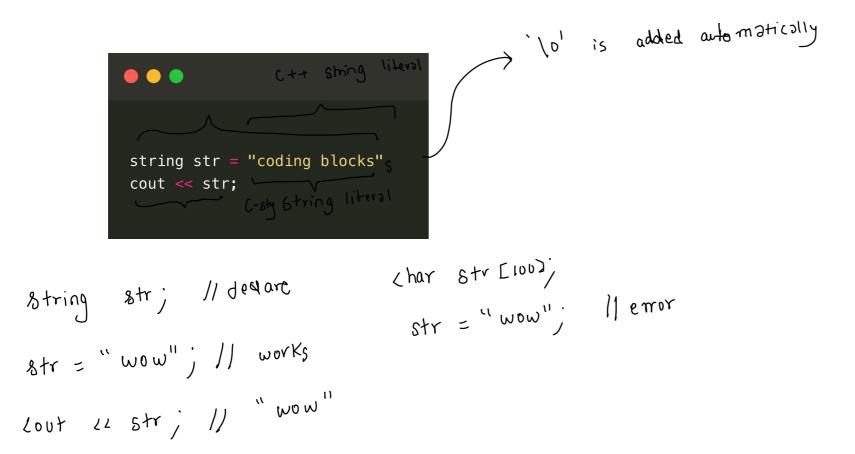
Given a **N** strings represented as a character arrays, design an algorithm to find the **lexicographically largest** string.



String Class in C++



Initialization of a String



Indexing a String

Reading Input into a String



it encounters a non-leading whitespace

I leading white spaces are ignored by cin>>

