

242. Valid Anagram

Given two strings s and t . return true if t is an anagram of s . and false otherwise.

↓
a word formed by rearranging the letters of a different word, using all original letters exactly once.

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

Output: True

$s = \text{"anagram"}$

$t = \text{"nagaram"}$

Approach 1: Using Sorting

(1) if $s.length() \neq t.length() \rightarrow \text{false};$

(2) sort both strings.

$s = \text{"a a a g m n r"}$

$t = \text{"a a a g m n r"}$

(3) after sorting if both strings are

same return true, otherwise false.

Approach 2:-

(1) Use vector of size 26.

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

xyz

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(1) for (int i=0; i<l; i++)  
    mp[s[i] - 'a']++;  
    mp[s[i] - 'a']--;  
}  
for (int c: mp) {  
    if (c != 0) return false;  
}  
return true;
```