

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: $\boxed{\text{True}}$

$s = \text{"anagram"}$,

$t = \text{"nagaram"}$

Approach 1 : Using Sorting

- (o) if $s.length() \neq t.length()$ → false;
- (o) sort both strings.

$s = \text{"aagmnor"}$

$t = \text{"aagmnor"}$

- (o) after sorting if both strings are

same return true, otherwise
false.

Approach 2:-

(i) 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	26
0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

(ii) 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;