

Valid Anagram

For this problem we need to determine if two strings are anagrams, meaning they contain the same characters with the same frequencies.

Approach 1: Frequency count (optimal for lowercase English letters).

Steps:

1. If lengths differ, return false.
2. Use an array of size 26 to count characters:
 - Increment count for s.
 - Decrement count for t.
3. At the end, all counts must be zero.

Complexity:

- Time: $O(n)$
- Space: $O(1)$ (fixed 26 letters).

Follow-up: Unicode Support

- We can't use a fixed 26 length array.
- Use a hash map (unordered_map < char, int >) to store frequencies instead.