

#15 Days of Coding Challenge

#Day 3

Valid Anagram

#Leetcode 242

Solution:

```
class Solution {
public:
    bool isAnagram(string s, string t) {
        int n=s.length(), m=t.length();
        if(n!=m) return false;
        map<char,int> sm;
        map<char,int> tm;
        for(int i=0; i<n;i++){
            sm[s[i]]++; tm[t[i]]++;
        }
        for(auto &p:sm){
            if(tm[p.first]!=p.second){
                return false;
            }
        }
        return true;
    }
};
```

Time Complexity:  $O(n)$

Space Complexity:  $O(1)$