#15 Days of Coding Challenge
#Day 3

Group anagrams
#Leetcode 49

Solution:

```cpp
class Solution {
public:
    vector<vector<string>> groupAnagrams(vector<string>& strs) {
        unordered_map<string, vector<string>> mp;
        for (string s : strs) {
            string t = s;
            sort(t.begin(), t.end());
            mp[t].push_back(s);
        }
        vector<vector<string>> anagrams;
        for (auto p : mp) {
            anagrams.push_back(p.second);
        }
        return anagrams;
    }
};
```

Time Complexity: O(n * k log k)
Space Complexity: O(n * k)