

49. Group Anagrams

解题思路：<https://leetcode.com/problems/anagrams/>

给定一个字符串数组，将这个数组中的字符串按照同字母异序词分组。

例如：

```
["eat", "tea", "tan", "ate", "nat", "bat"]
```

划分为：

```
[  
  ["ate", "eat", "tea"],  
  ["nat", "tan"],  
  ["bat"]  
]
```

解题思路：

按照排序之后的判断。

代码：

```
class Solution {
public:
    string changeToRightSeq(string a){
        string b = a;
        sort(b.begin(), b.end());
        return b;
    }
    vector<vector<string>> groupAnagrams(vector<string>& strs) {
        vector<vector<string> > res;
        map<string, int> m;
        for(int i = 0; i < strs.size(); i++){
            string t = changeToRightSeq(strs[i]);
            if(m.count(t)==0){
                int n = m.size();
                m[t] = n;
                res.push_back({strs[i]});
            }
            else{
                int loc = m[t];
                res[loc].push_back(strs[i]);
            }
        }
        return res;
    }
};
```