

## 349. Intersection of Two Arrays

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题目描述: <https://leetcode.com/problems/intersection-of-two-arrays/>

给定两个集合，求两个集合的交集。交集元素不可重复。

解题思路:

两个pointer

代码:

```
class Solution {
public:
    vector<int> intersection(vector<int>& s1, vector<int>& s2) {
        vector<int> res;
        sort(s1.begin(), s1.end());
        sort(s2.begin(), s2.end());
        int i = 0, j = 0;
        while(i < s1.size() && j < s2.size()){
            if(s1[i] == s2[j]){
                res.push_back(s1[i]);
                while(i+1 < s1.size() && s1[i] == s1[i+1]) i++;
                i++;j++;
            }
            else if(s1[i] > s2[j]){
                j++;
            }
            else{
                i++;
            }
        }
        return res;
    }
};
```