

350. Intersection of Two Arrays II

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

求两个集合的子集，重复元素也要重复写

解题思路：

two pointer

代码：

```
class Solution {
public:
    vector<int> intersect(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]);
                i++;j++;
            }
            else if(s1[i] > s2[j]){
                j++;
            }
            else{
                i++;
            }
        }
        return res;
    }
};
```