

128. Longest Consecutive Sequence

题目描述: <https://leetcode.com/problems/longest-consecutive-sequence/>

给定一个无序的数组，求这个数组中最多的连续的元素个数。

例如:

给定: [100, 4, 200, 1, 3, 2],

返回: 4

解题思路:

用unordered_set, 遍历每个元素, 搜索其临近元素, 删掉!!! 否则会超时!!

代码:

```
class Solution {
public:
    int longestConsecutive(vector<int>& nums) {
        unordered_set<int> s(nums.begin(), nums.end());
        int res = 0;
        for(auto n: nums){
            if(s.find(n) == s.end()) continue;
            s.erase(n);
            int pre = n-1, next = n+1;
            while(s.find(pre) != s.end()) s.erase(pre--);
            while(s.find(next) != s.end()) s.erase(next++);
            res = max(res, next-pre-1);
        }
        return res;
    }
};
```