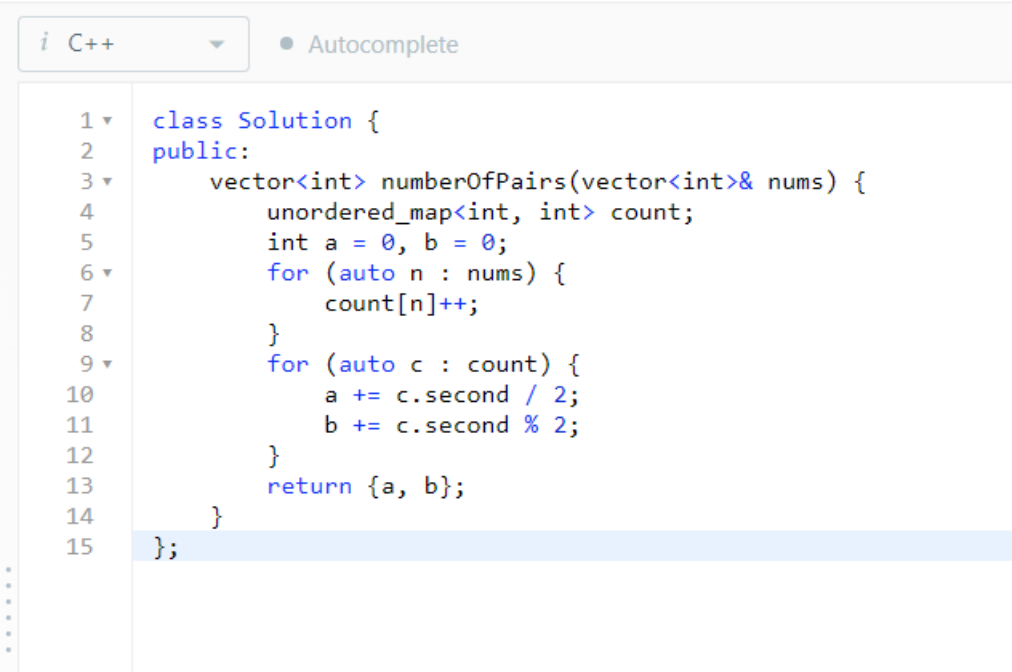
LEETCODE CONTEST

2341. Maximum Number of Pairs in Array




```cpp
class Solution {
public:
    vector<int> numberOfPairs(vector<int>& nums) {
        unordered_map<int, int> count;
        int a = 0, b = 0;
        for (auto n : nums) {
            count[n]++;
        }
        for (auto c : count) {
            a += c.second / 2;
            b += c.second % 2;
        }
        return {a, b};
    }
};
```

2342. Max Sum of a Pair With Equal Sum of Digits

C++ Autocomplete

```cpp
class Solution {
public:
    int maximumSum(vector<int>& nums)
    {map<int, multiset<int>> mp;
        for(auto n: nums){
            int sum = 0;
            int t = n;
            while(t > 0){
                sum += t%10;
                t = t/10;}
            mp[sum].insert(n);}
        int ans = -1;
        for(auto m: mp){
            if(m.second.size() >= 2){
                auto it = (m.second.end());
                it--;
                int t = *it;
                it--;
                t += *it;
                ans = max(ans, t);}}
        return ans;}

};
```

2343. Query Kth Smallest Trimmed Number

C++ Autocomplete

```cpp
class Solution {
public:
    vector<int> smallestTrimmedNumbers(vector<string>& nums, vector<vector<int>>& queries) {
        vector<int> res;
        for(auto x:queries)
        {
            priority_queue<pair<string,int>> v;
            for(int i=0;i<nums.size();i++)
            {
                int t=nums[i].length()-x[1];
                string p=nums[i].substr(t,x[1]);
                if(v.size()<x[0])
                    v.push({p,i});
                else
                {
                    if(v.top().first > p)
                    {
                        v.pop();
                        v.push({p,i});
                    }
                }
            }
            int val=v.top().second;
            res.push_back(val);
        }
        return res;
    }
};
```