

PA3

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Leetcode179: Largest Numbers

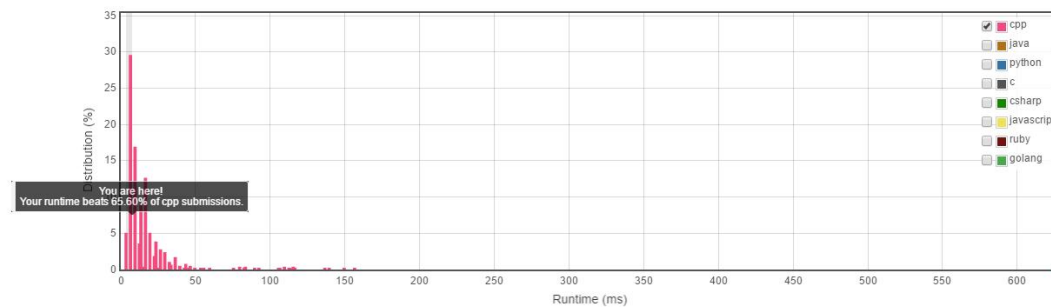
[Largest Number](#)

Submission Details

221 / 221 test cases passed.
Runtime: 6 ms

Status: **Accepted**
Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Invite friends to challenge Largest Number!



Submit Time	Question	Status	Run Time	Language
1 day, 4 hours ago	Largest Number	Accepted	6 ms	cpp
1 day, 4 hours ago	Largest Number	Accepted	12 ms	cpp
1 day, 4 hours ago	Largest Number	Accepted	9 ms	cpp
1 day, 4 hours ago	Largest Number	Wrong Answer	N/A	cpp
1 day, 4 hours ago	Largest Number	Wrong Answer	N/A	cpp
1 day, 4 hours ago	Largest Number	Wrong Answer	N/A	cpp
1 day, 4 hours ago	Largest Number	Wrong Answer	N/A	cpp

```
#include <iostream>
#include <sstream>
#include <string>
#include <vector>
#include <algorithm>
using namespace std;

bool cmp(const string& num_1, const string& num_2) {
    string no_1 = num_1 + num_2;
    string no_2 = num_2 + num_1;
    if (no_1 > no_2) {
        return 1;
    }
    else {
        return 0;
    }
}
```

```

class Solution {
public:
    void int_to_string(vector<int> nums , vector<string>& output) { // turn all the ints into
strings
        int size = nums.size();
        for (int i = 0; i < size; i++) {
            stringstream ss;
            ss << nums[i];
            output.push_back(ss.str());
        }
    }
    string largestNumber(vector<int>& nums) {
        vector<string> string_nums;
        int_to_string(nums, string_nums);
        sort(string_nums.begin(), string_nums.end(), cmp);
        string result;
        int size = string_nums.size();
        for (int i = 0; i < size; i++) {
            result += string_nums[i];
        }
        if (result[0] == '0') { // replace the case "000" with "0"
            return "0";
        }
        return result;
    }
};

```