Plus One (/problems/plus-one/)

Submission Detail

109 / 109 test cases passed.
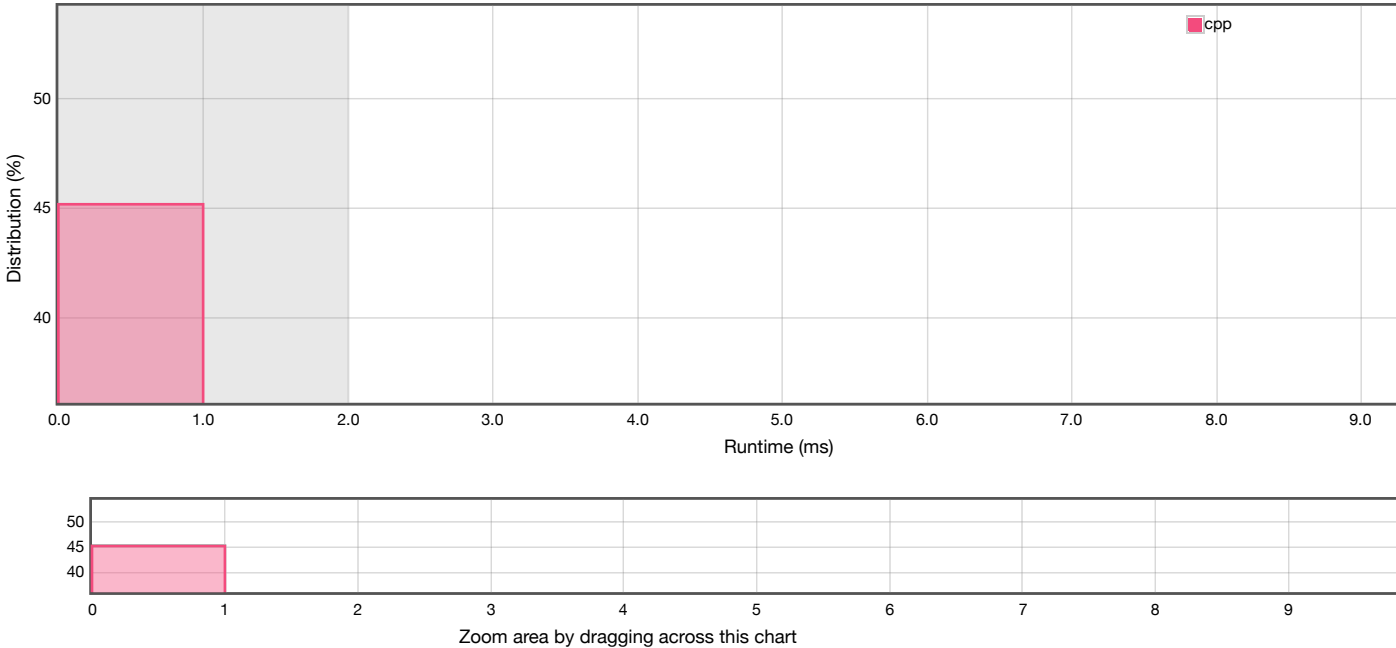
Status: Accepted

Runtime: **0 ms**

Submitted: **0 minutes ago**

Memory Usage: **6.2 MB**

Accepted Solutions Runtime Distribution

Accepted Solutions Memory Distribution
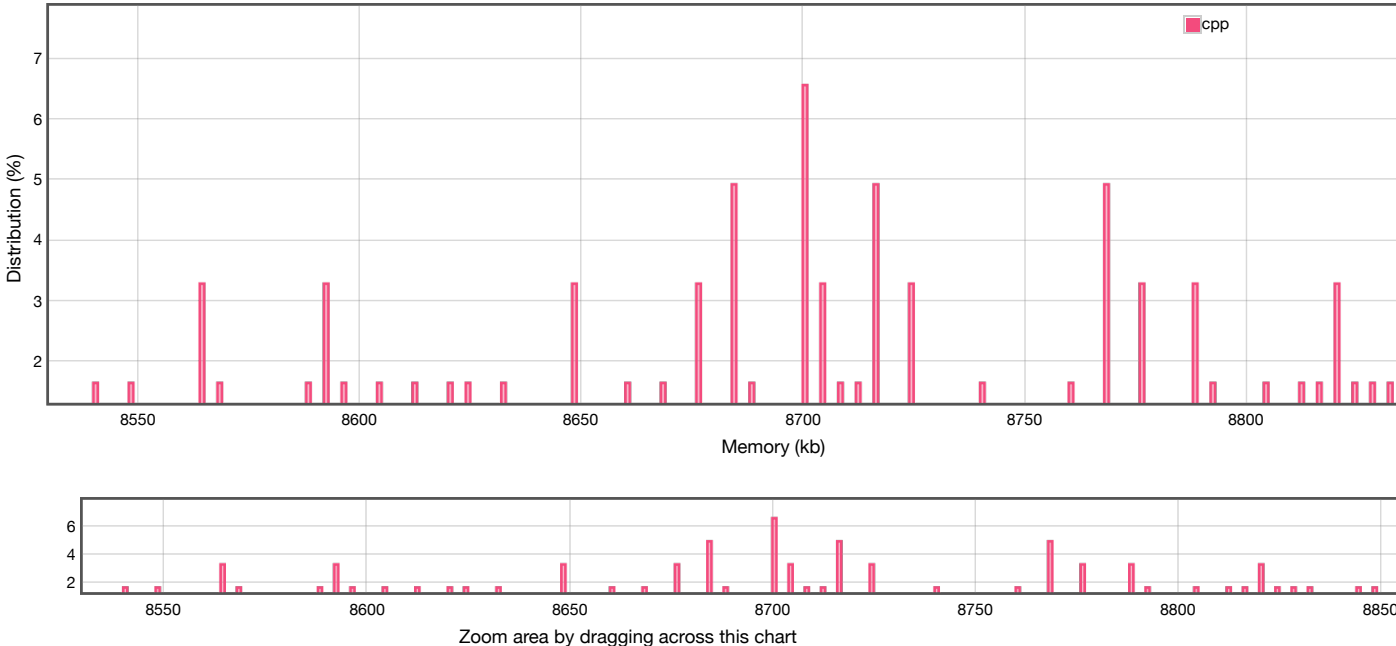
Invite friends to challenge **Plus One**

◢ **56**

Submitted Code: 0 minutes ago

Language: cpp

Edit Code

```cpp
1   class Solution {
2   public:
3       vector<int> plusOne(vector<int>& digits) {
4           int carry = 1;
5
6           // Iterate through vector revesed if we still need to carry digits
7           for (int i = digits.size() - 1; i >= 0  && carry; i--) {
8               int sum = digits[i] + carry;
9               carry = sum / 10;
10              digits[i] = sum % 10;
11          }
12
13          // If carry == 1 then all numbers are 9
14          if (carry) {
15              digits[0] = 1;
16              digits.push_back(0);
17          }
18
19          return digits;
20      }
21  };
22
```

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