

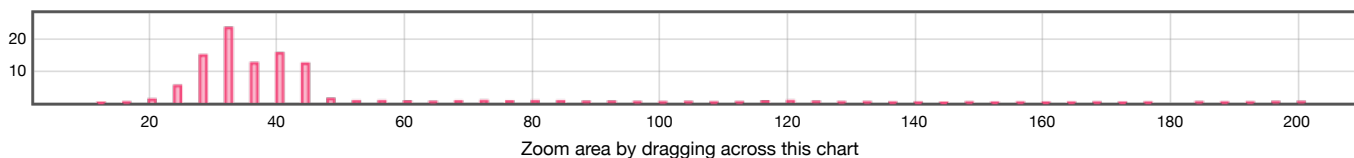
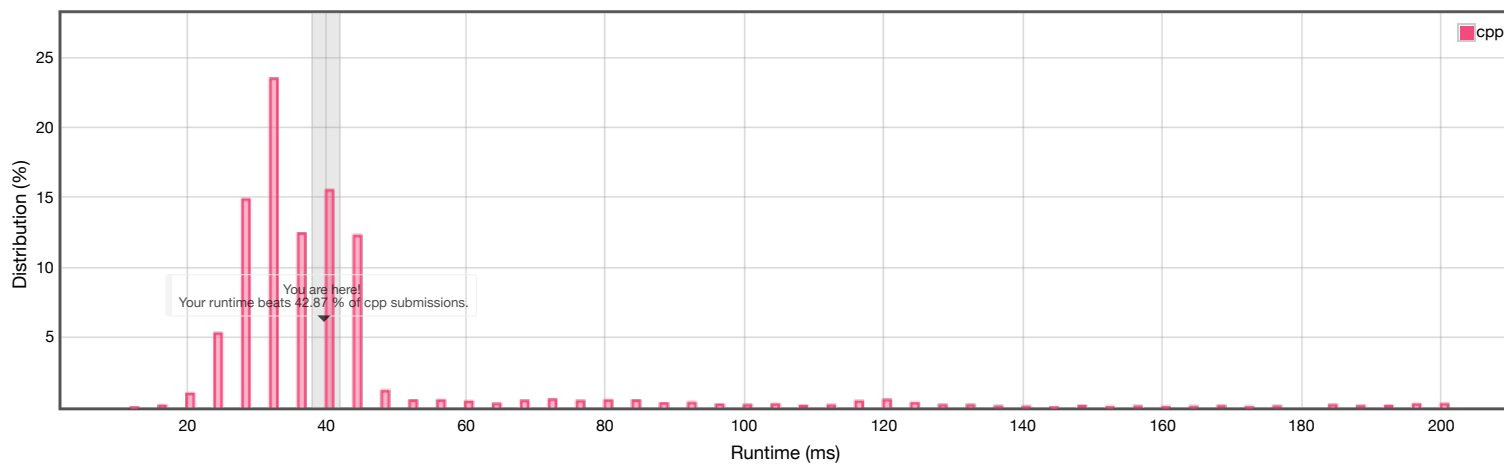
Min Stack (/problems/min-stack/)

Submission Detail

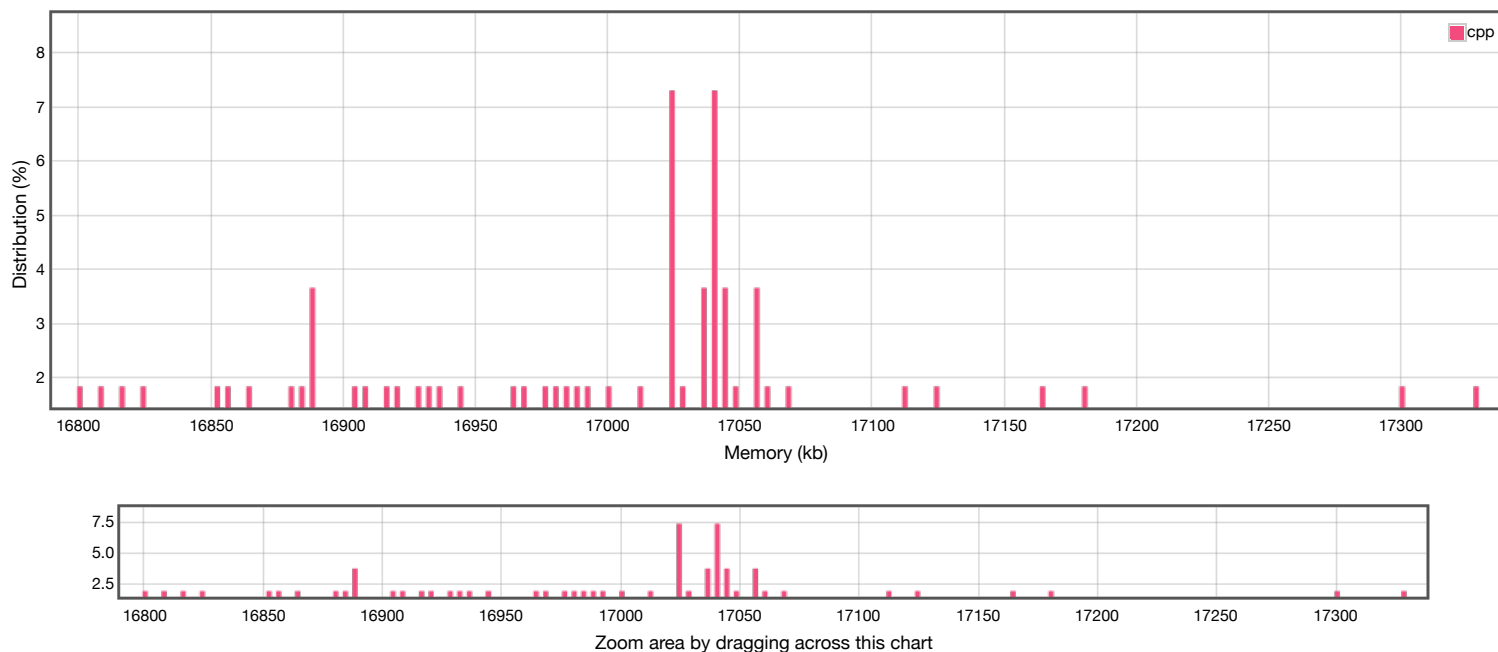
18 / 18 test cases passed.

Status: **Accepted**Runtime: **40 ms**Memory Usage: **14.4 MB**Submitted: **2 hours, 20 minutes ago**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution

Invite friends to challenge **Min Stack**

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Submitted Code: 2 hours, 20 minutes ago

Language: cpp

[Edit Code](#)

```
1 class MinStack {
2 public:
3     vector<int> data;
4     int iMin;
5     /** initialize your data structure here. */
6     MinStack() {
7         iMin = INT_MAX;
8     }
9
10    void push(int x) {
11        data.push_back(x);
12        if (x < iMin)
13            iMin = x;
14    }
15
16    void pop() {
17        data.pop_back();
18        iMin = INT_MAX;
19
20        for (int n: data)
21            if (n < iMin)
22                iMin = n;
23    }
24
25    int top() {
26        return data[data.size() - 1];
27    }
28
29    int getMin() {
30        return iMin;
31    }
32 };
33
34 /**
35  * Your MinStack object will be instantiated and called as such:
36  * MinStack* obj = new MinStack();
37  * obj->push(x);
38  * obj->pop();
39  * int param_3 = obj->top();
40  * int param_4 = obj->getMin();
41  */
```

[Back to problem \(/problems/min-stack/\)](/problems/min-stack/)