Min Stack (/explore/challenge/card/30-day-leetcoding-challenge/529/week-2/3292/)

Submission Detail

18 / 18 test cases passed.

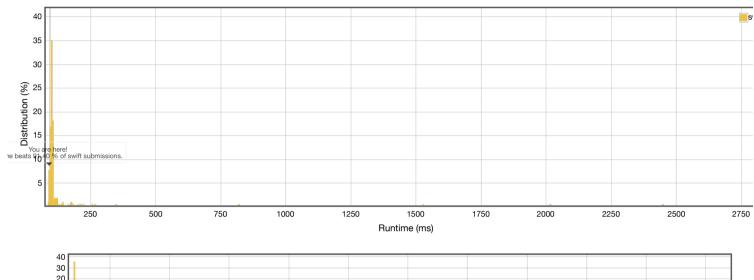
Runtime: 96 ms

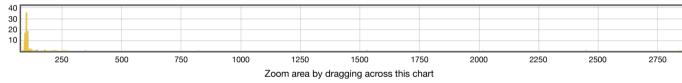
Memory Usage: 22.1 MB

Status: Accepted

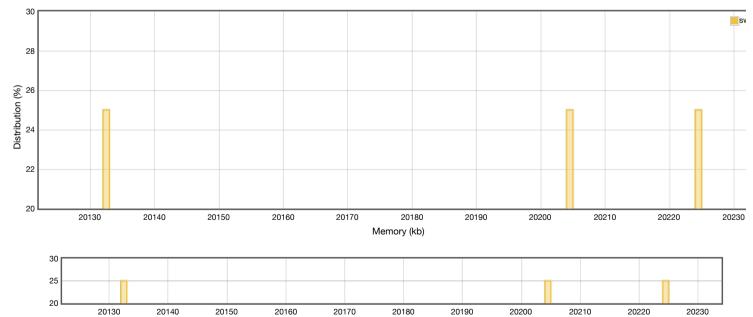
Submitted: 0 minutes age

Accepted Solutions Runtime Distribution





Accepted Solutions Memory Distribution



Zoom area by dragging across this chart

Invite friends to challenge Min Stack

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Submitted Code: 0 minutes ago

Language: swift Edit Co

```
2
    class MinStack {
        var arr: [Int] = []
3
4
        var min: Int? = nil
5
        /** initialize your data structure here. */
6
        init() {}
7
8
9
        // Time: 0(1)
        func push(_ x: Int) {
10
            arr.append(x)
11
12
            if min != nil {
13
                if x < min! { min = x }
14
            } else {
15
                min = x
16
17
        }
18
        // Time: 0(n)
19
20
        func pop() {
21
            let val = arr.popLast()
            if let val = val {
   if val == min {
22
23
24
                     // update min
25
                     min = arr.min()
26
                }
27
            }
28
        }
29
30
        // Time: 0(1)
        func top() -> Int {
31
32
            assert(arr.count > 0)
            return arr.last!
33
34
        }
35
        // Time: 0(1)
36
37
        func getMin() -> Int {
38
            assert(min != nil)
39
            return min!
40
41 }
```

Back to problem (/explore/challenge/card/30-day-leetcoding-challenge/529/week-2/3292/)

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