

Last Stone Weight

Submission Detail

70 / 70 test cases passed.

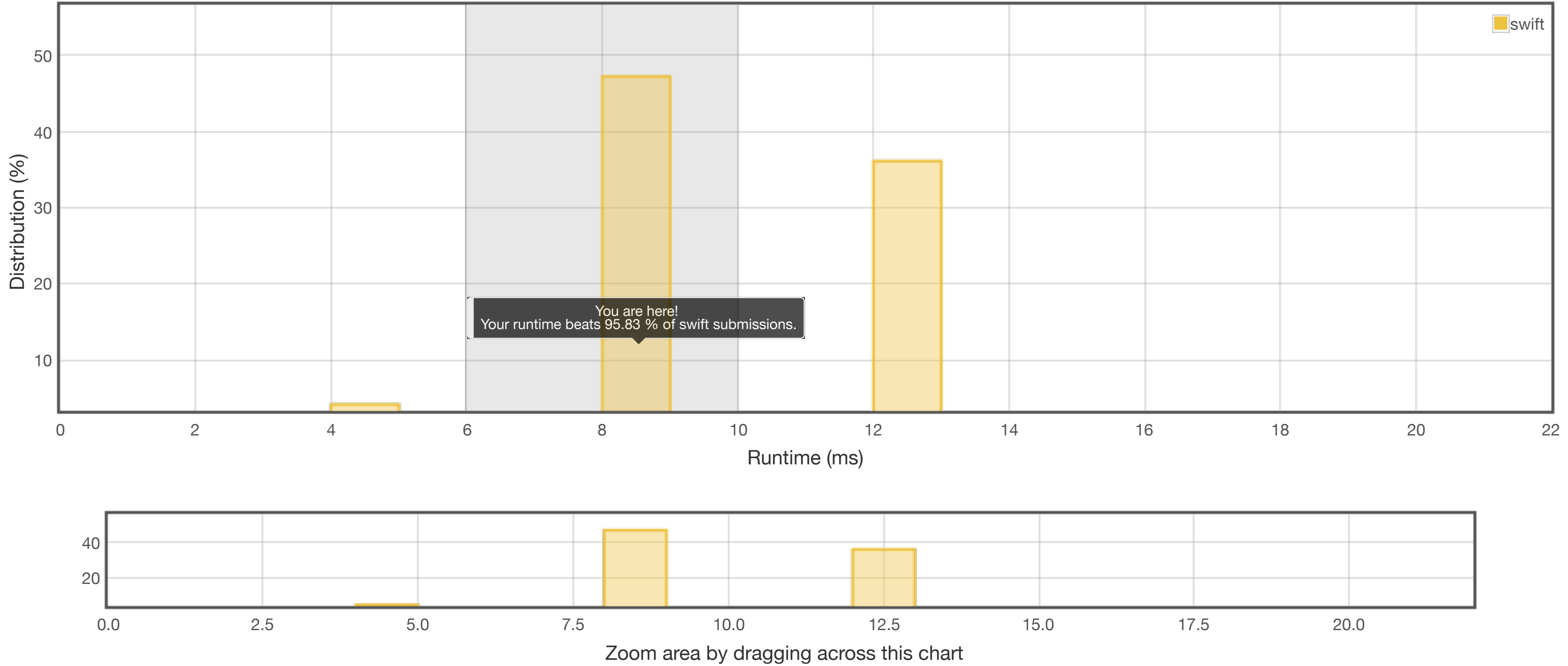
Runtime: 8 ms

Memory Usage: 21.5 MB

Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution

Sorry. We do not have enough accepted submissions to show distribution chart.

Invite friends to challenge Last Stone Weight

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Submitted Code: 0 minutes ago

Language: swift

Edit Code

```
1 func myPrint(_ arg: Any) {
2     //print(arg)
3 }
4
5 class Solution {
6     func lastStoneWeight(_ stones: [Int]) -> Int {
7         assert(stones.count > 0)
8         var sortedStones = stones.sorted()
9         myPrint(sortedStones)
10        while sortedStones.count > 1 {
11            let last = sortedStones.removeLast()
12            let secondToLast = sortedStones.removeLast()
13            if last > secondToLast {
14                let newElem = last-secondToLast
15                if let idx = sortedStones.firstIndex(where: { $0 > newElem}) {
16                    sortedStones.insert(newElem, at: idx)
17                } else {
18                    sortedStones.append(newElem)
19                }
20            }
21            myPrint(sortedStones)
22        }
23        return sortedStones.count == 0 ? 0 : sortedStones[0]
24    }
25 }
```

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