Neighboring Bitwise XOR (/contest/weekly-contest-345/problems/neighboring-bitwise-xor/)

Submission Detail

1425 / 1425 test cases passed.
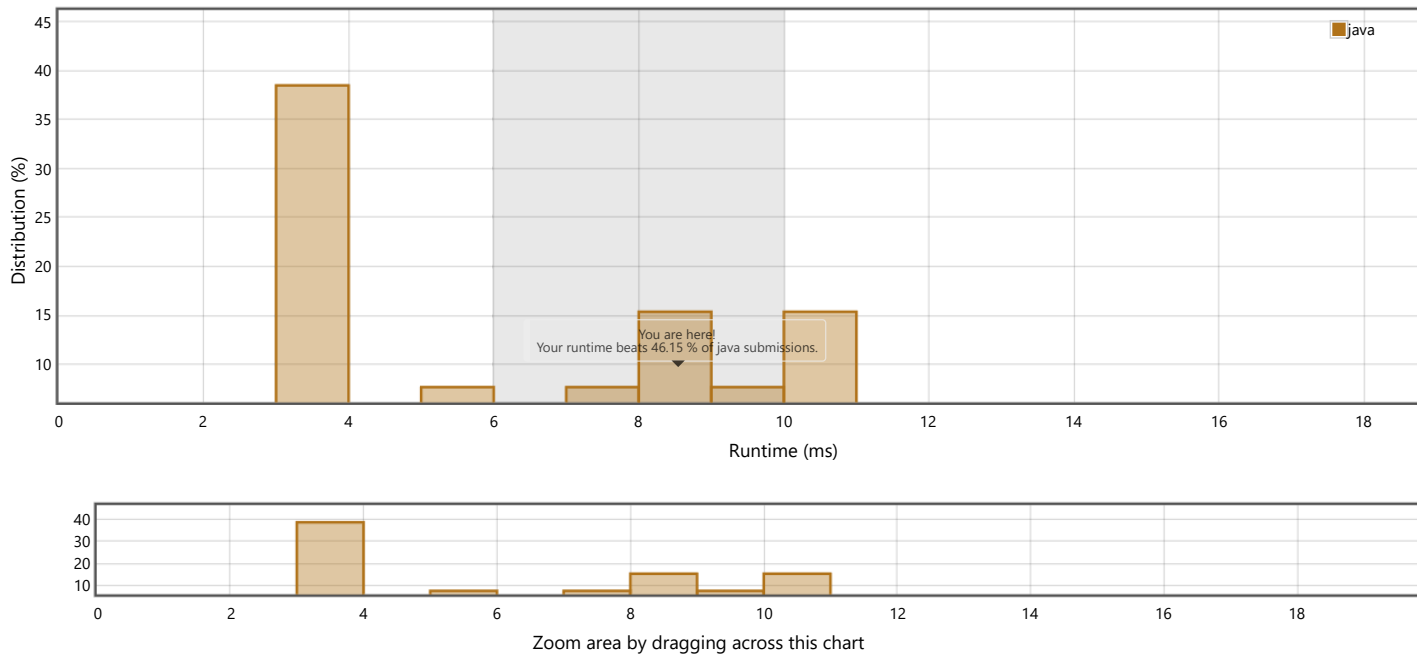
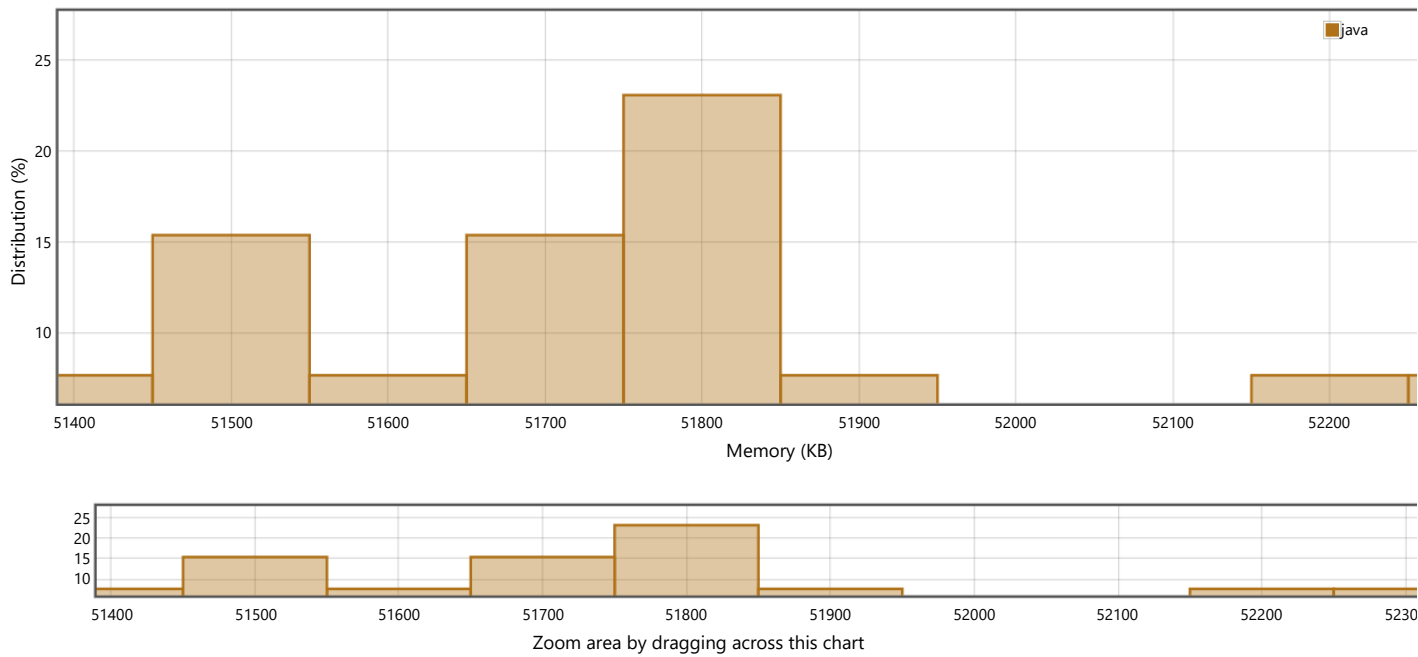Runtime: **8 ms**
Memory Usage: **52.6 MB**

Status: **Accepted**

Submitted: **1 day, 12 hours ago**

Accepted Solutions Runtime Distribution

Your runtime beats 46.15 % of java submissions.

Zoom area by dragging across this chart

Accepted Solutions Memory Distribution

Zoom area by dragging across this chart

Invite friends to challenge **Neighboring Bitwise XOR**

◁ 1

Submitted Code: 1 day, 12 hours ago

Language: java

Edit Code

```
1   class Solution {
```

```
 2        public boolean doesValidArrayExist(int[] derived) {
 3            int n = derived.length;
 4            int[] niraj = new int[n];
 5            niraj[0] = derived[n-1] ^ derived[0];
 6            for(int i = 1; i < n; i++) {
 7                niraj[i] = derived[i-1] ^ niraj[i-1];
 8            }
 9            for (int i = 0; i < n; i++) {
10                int j = (i == n-1) ? 0 : i+1;
11                if ((niraj[i] ^ niraj[j]) != derived[i]) {
12                    return false;
13                }
14            }
15            return true;
16        }
17    }
18
```

Help Center (/support) | Jobs (/jobs) | Bug Bounty (/bugbounty) | Online Interview (/interview/) | Students (/student) | Terms (/terms) | Privacy Policy (/privacy)

United States (/region)