

Difference of Number of Distinct Values on Diagonals (/problems/difference-of-number-of-distinct-values-on-diagonals/)

Submission Detail

709 / 709 test cases passed.

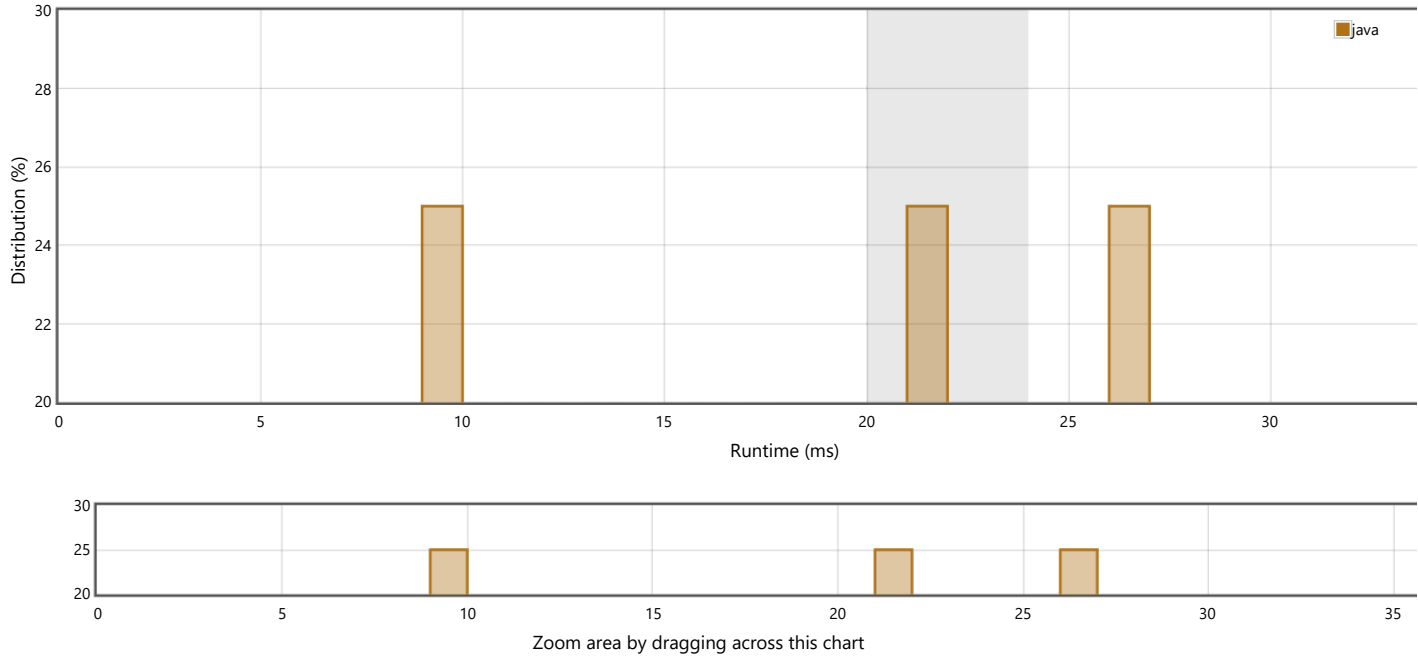
Runtime: 22 ms

Memory Usage: 44.9 MB

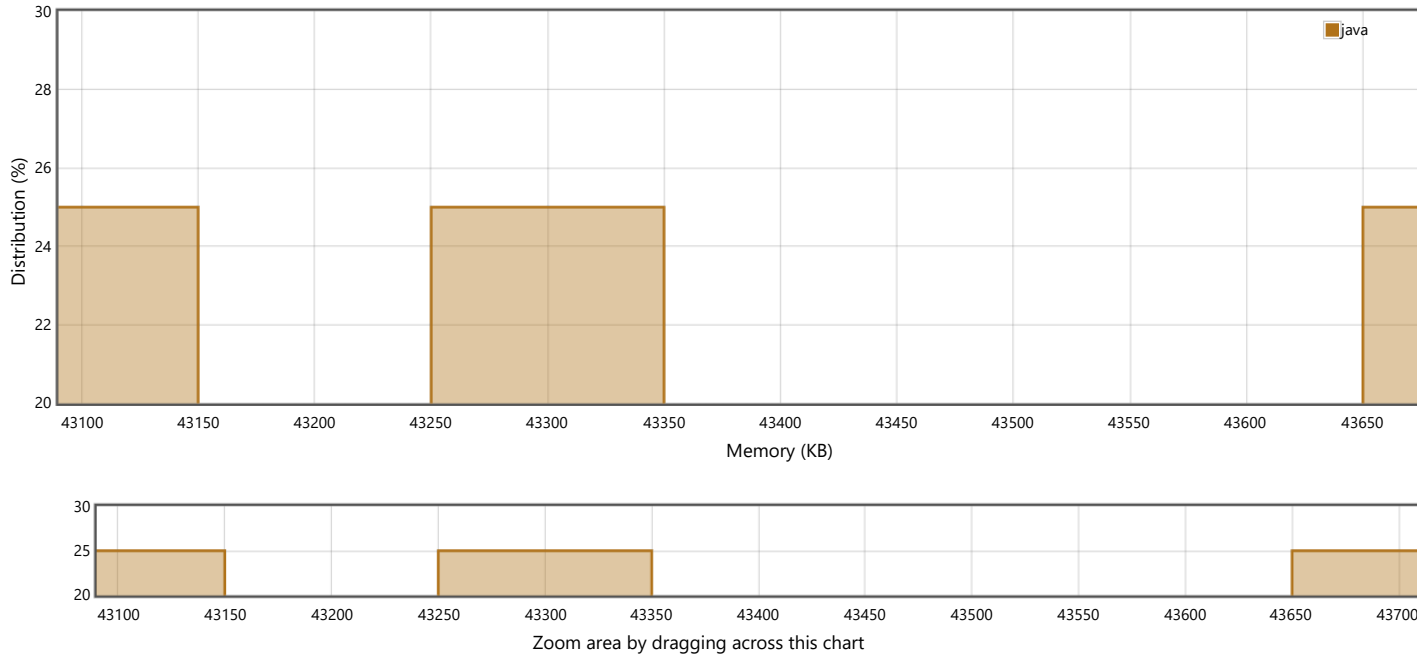
Status: Accepted

Submitted: 31 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Difference of Number of Distinct Values on Diagonals**

Submitted Code: 31 minutes ago

Language: java

Edit Code

```
1 class Solution {
```

```


2    public int[][] differenceOfDistinctValues(int[][] grid) {
3        int r = grid.length;
4        int c = grid[0].length;
5        int[][] ans = new int[r][c];
6        Set<Integer> ab = new HashSet<>();
7        Set<Integer> bl = new HashSet<>();
8
9        for (int i = 0; i < r; i++) {
10            for (int j = 0; j < c; j++) {
11                ab.clear();
12                bl.clear();
13
14                for (int cur_i = 1; i - cur_i >= 0 && j - cur_i >= 0; cur_i++) {
15                    ab.add(grid[i - cur_i][j - cur_i]);
16                }
17
18                for (int cur_j = 1; j + cur_j < c && i + cur_j < r; cur_j++) {
19                    bl.add(grid[i + cur_j][j + cur_j]);
20                }
21
22                ans[i][j] = Math.abs(ab.size() - bl.size());
23            }
24        }
25
26        return ans;
27    }
28 }

```

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