

## Number of Islands (/problems/number-of-islands/)

## Submission Detail

47 / 47 test cases passed.

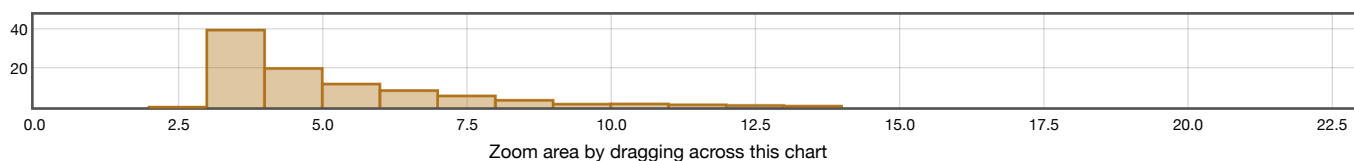
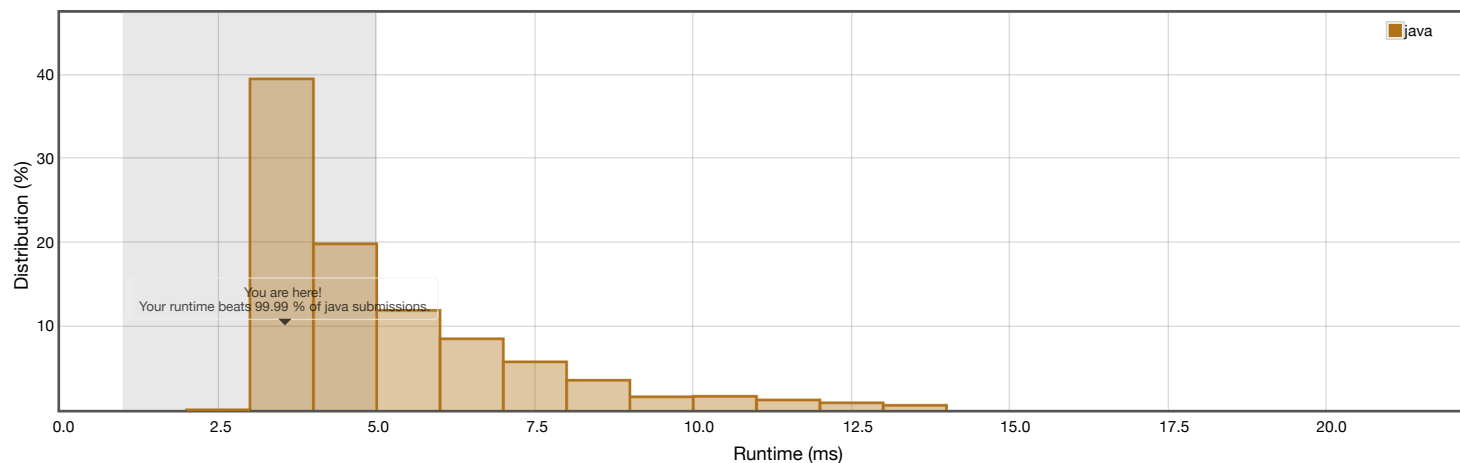
Runtime: 3 ms

Memory Usage: 39.9 MB

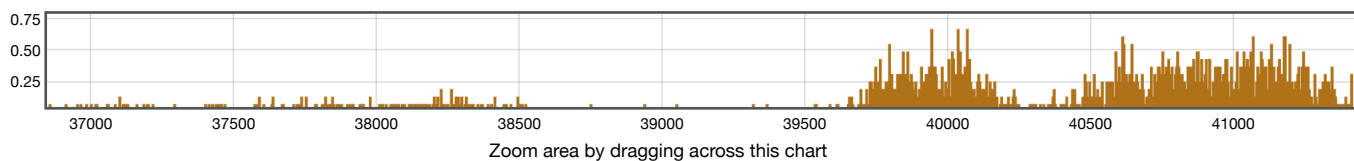
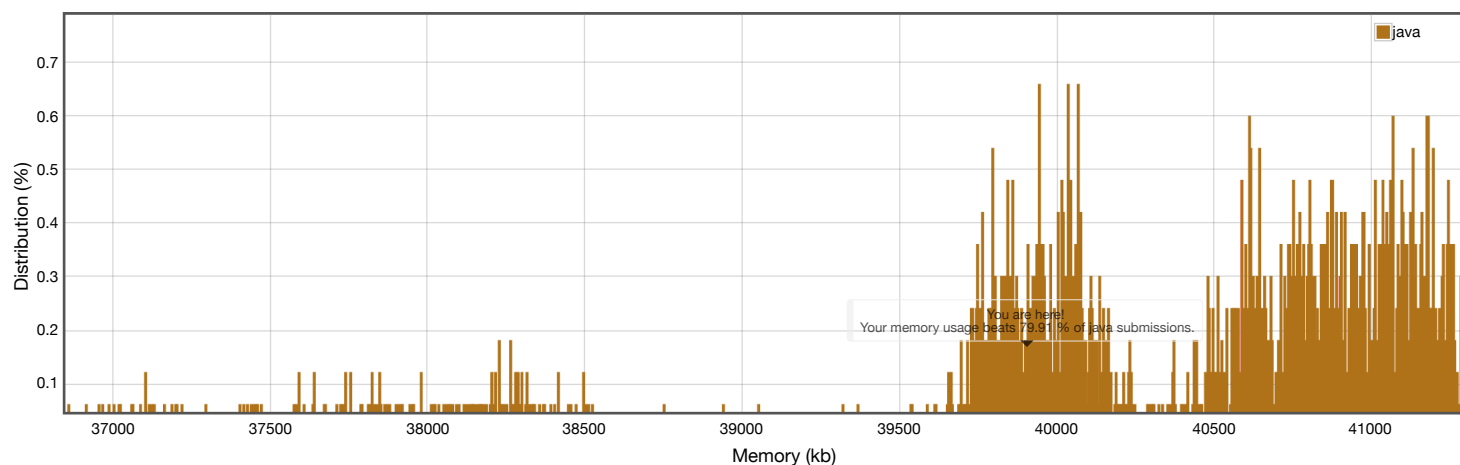
Status: **Accepted**

Submitted: 0 minutes ago

## Accepted Solutions Runtime Distribution



## Accepted Solutions Memory Distribution

Invite friends to challenge **Number of Islands**

Submitted Code: 0 minutes ago

Language: java

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```
1 // https://stackoverflow.com/questions/40480/is-java-pass-by-reference-or-pass-by-value
2
3 class Solution {
4     static int sz1 = 0;
5     static int sz2 = 0;
6     static char[][] grid = null;
7
8
9     public int numIslands(char[][] grid1) {
10         grid = grid1;
11
12         sz1 = grid.length;
13         if(sz1 == 0)
14             return 0;
15
16         sz2 = grid[0].length;
17
18         int count = 0;
19         for(int i = 0; i < sz1; i++){
20             for(int j = 0; j < sz2; j++){
21
22                 if(grid[i][j] == '1')
23                 {
24                     count++;
25                     visitMyLand(i,j);
26                 }
27
28             }
29         }
30
31         return count;
32     }
33
34     public static void visitMyLand(int i,int j){
35         if(i < 0 || j < 0 || i >= sz1 || j >= sz2)
36             return;
37
38         if(grid[i][j] != '1')
39             return;
40
41         grid[i][j] = '3';
42
43
44         visitMyLand(i, j+1);
45         visitMyLand(i+1, j);
46         visitMyLand(i-1, j);
47         visitMyLand(i, j-1);
48
49
50     }
51 }
52
```

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