

Set Matrix Zeroes (/problems/set-matrix-zeroes/)

Submission Detail

164 / 164 test cases passed.

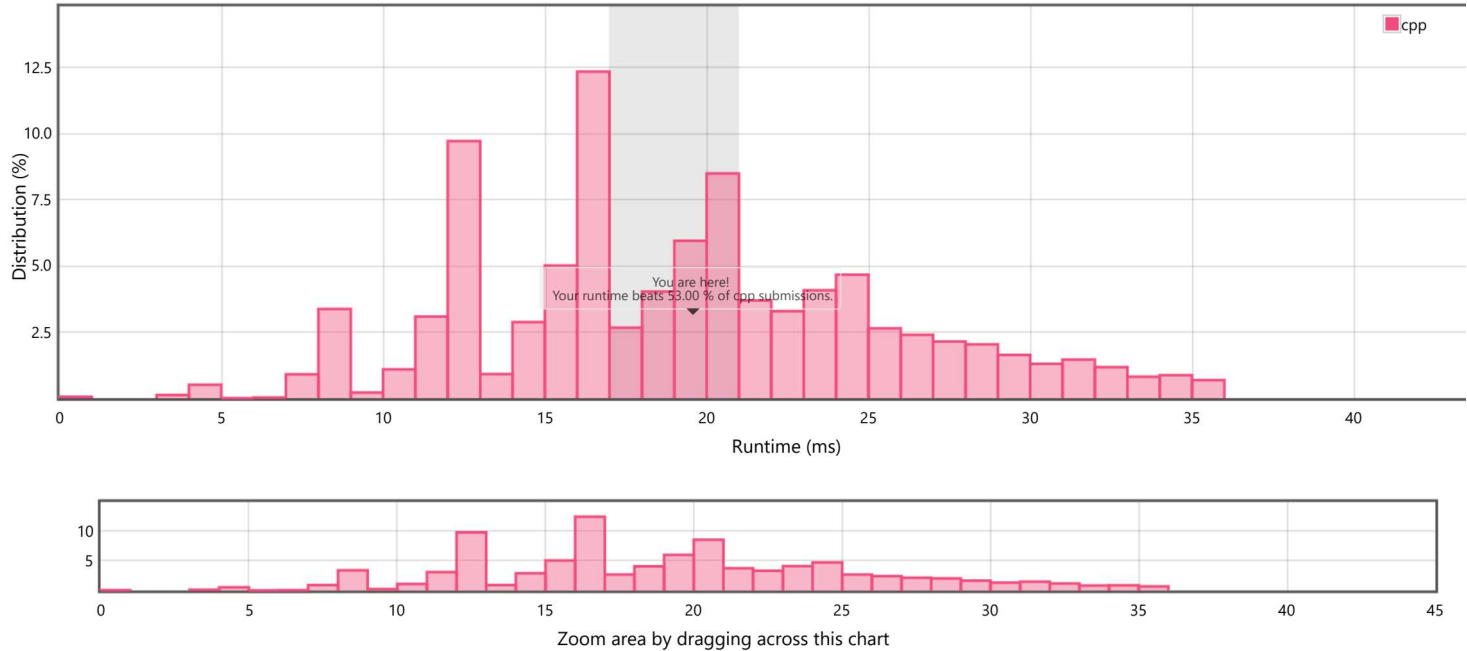
Runtime: 19 ms

Memory Usage: 13.3 MB

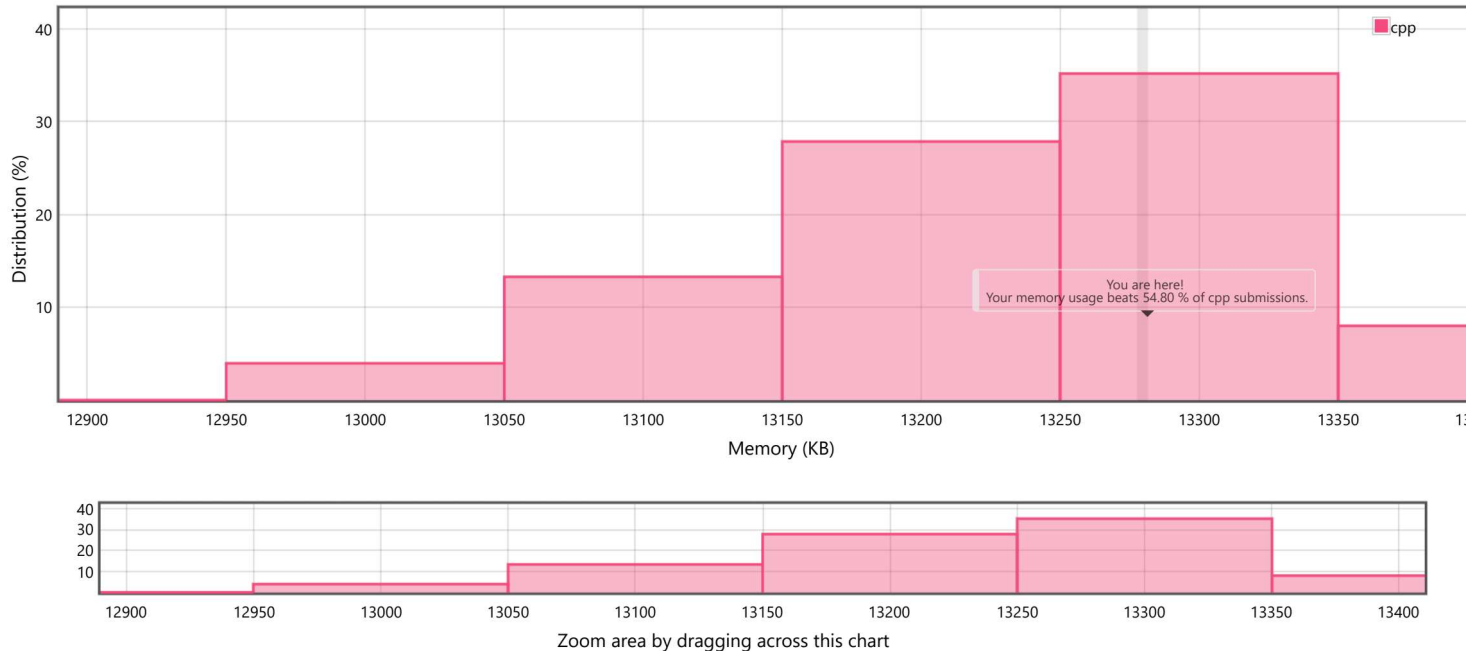
Status: Accepted

Submitted: 2 weeks, 1 day ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge Set Matrix Zeroes

Submitted Code: 2 weeks, 1 day ago

Language: cpp

[Edit Code](#)

```
1 class Solution {
2 public:
3     void setZeroes(vector<vector<int>>& matrix) {
4
5
6
7         int rowCount = matrix.size();
8         int columnCount = matrix[0].size();
9         set<int> zeroRow;
10        set<int> zeroColumn;
11        for(int i = 0; i < rowCount; i++){
12            for(int j = 0; j < columnCount; j++){
13                if(matrix[i][j] == 0){
14                    zeroRow.insert(i);
15                    zeroColumn.insert(j);
16                }
17            }
18        }
19        for(int i = 0; i < rowCount; i++){
20            if(zeroRow.find(i) != zeroRow.end()){
21                for(int j = 0; j < columnCount; j++){
22                    matrix[i][j] = 0;
23                }
24            }
25        }
26        for(int j = 0; j < columnCount; j++){
27            if(zeroColumn.find(j) != zeroColumn.end()){
28                for(int i = 0; i < rowCount; i++){
29                    matrix[i][j] = 0;
30                }
31            }
32        }
33    };
}
```

[Back to problem \(/problems/set-matrix-zeroes/\)](/problems/set-matrix-zeroes/)

Copyright © 2022 LeetCode

[Help Center \(/support/\)](/support/) | [Jobs \(/jobs\)](/jobs/) | [Bug Bounty \(/bugbounty\)](/bugbounty/) | [Online Interview \(/interview/\)](/interview/) | [Students \(/student\)](/student/) | [Terms \(/terms\)](/terms/) | [Privacy Policy \(/privacy\)](/privacy/)[United States \(/region\)](/region/)