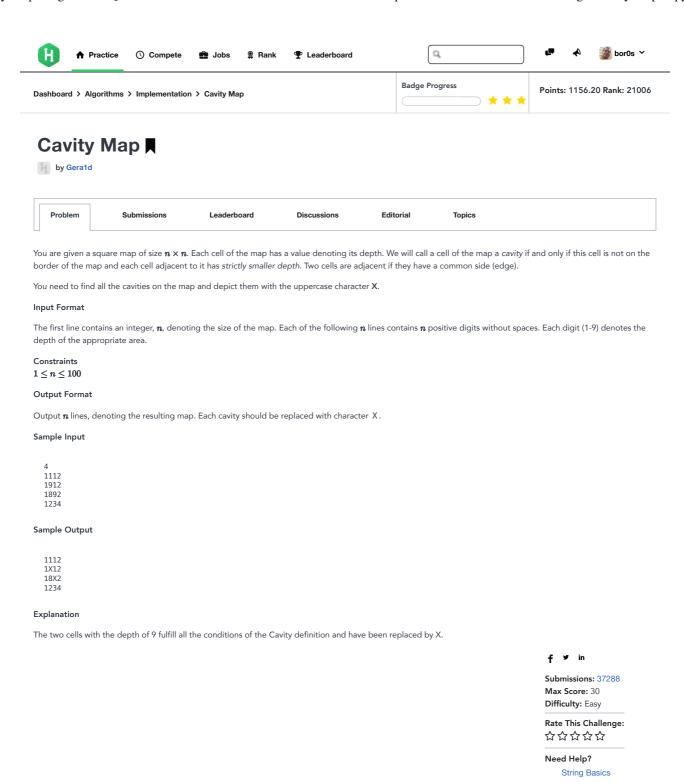
Current Buffer (saved locally, editable) $\ \mathscr{V} \ \mathfrak{O}$

More

C++



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```
#include <bits/stdc++.h>
 3
    using namespace std;
 5 vector<string> convert_cavity_map(vector<string> grid) {
6     vector<string> new_grid = grid;
7 v     for (size_t i = 1; i < grid.size() - 1; i++) {</pre>
               for (size_t j = 1; j < grid.size() - 1; j++) {
 9 ▼
                      if (grid[i][j-1] < grid[i][j] && grid[i][j+1] < grid[i][j] && grid[i-1][j] < grid[i][j] && grid[i+1][j] <
     grid[i][j]) {
10
                            new_grid[i][j] = 'X';
11
                }
13
14
           return new_grid;
15 }
16
17 vint main(){
18
           int n;
19
           cin >> n;
           vector<string> grid(n);
for(int grid_i = 0; grid_i < n; grid_i++){
   cin >> grid[grid_i];
20
21 ▼
23
           grid = convert_cavity_map(grid);
for (int grid_i = 0; grid_i < n; grid_i++) {
    cout << grid[grid_i] << "\n";</pre>
24
25 ▼
26
27
28
           return 0;
29
30
                                                                                                                                                                   Line: 1 Col: 1
± Upload Code as File □ Test against custom input
                                                                                                                                                     Run Code
                                                                                                                                                                      Submit Code
                                                                         Copyright © 2017 HackerRank. All Rights Reserved
```

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