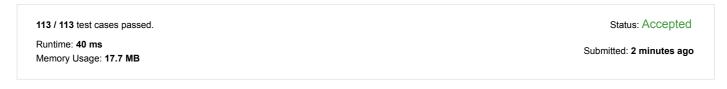


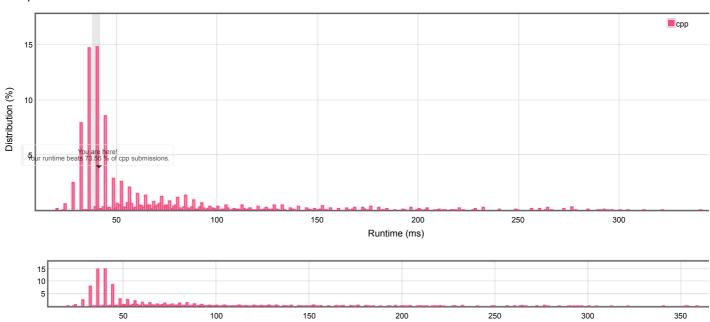


Pacific Atlantic Water Flow (/problems/pacific-atlantic-water-flow/)

Submission Detail

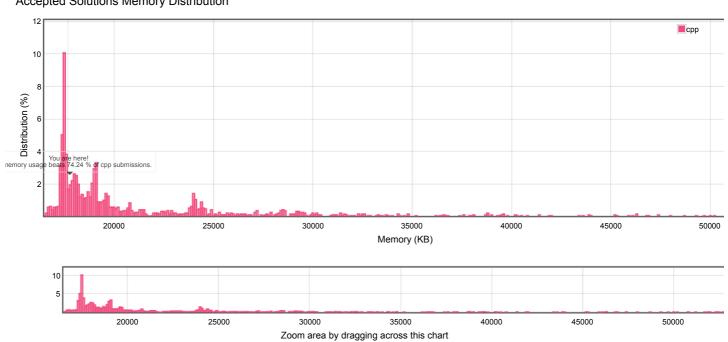


Accepted Solutions Runtime Distribution



Zoom area by dragging across this chart

Accepted Solutions Memory Distribution



Invite friends to challenge Pacific Atlantic Water Flow

Submitted Code: 2 minutes ago

Language: cpp

class Solution { public: std::vector<int> direction = {0, 1, 0, -1, 0}; Edit Code

```
bool outOfBound(int i, int j, int m, int n) {
    return (i<0 || j<0 || i>=m || j>=n);
  8
              void DFS(std::vector<std::vector<int>>& matrix, std::vector<std::vector<bool>>& visited, int i, int j) {
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                     int m = matrix.size();
int n =matrix[0].size();
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                     visited[i][j] = true;
                     for(int k=1;k<direction.size();k++) {
  int row = i - direction[k-1];
  int col = j + direction[k];</pre>
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                            }
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              std::vector<std::vector<int>> pacificAtlantic(std::vector<std::vector<int>>& matrix) {
                     if(matrix.size() == 0)
                     return {};
int m = matrix.size();
int n = matrix[0].size();
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                     std::vector<std::vector<bool>>, pacific(m, std::vector<bool>(n, false));
std::vector<std::vector<bool> atlantic(m, std::vector<bool>(n, false));
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                     for(int i=0;i<m;i++) {
   if(!pacific[i][0])
       DFS(matrix, pacific, i, 0);
   if(!atlantic[i][n-1])
       DFS(matrix, atlantic, i, n-1);</pre>
                     }
                     for(int j=0;j<n;j++) {
   if(!pacific[0][j])
      DFS(matrix, pacific, 0, j);
   if(!atlantic[m-1][j])
      DFS(matrix, atlantic, m-1, j);</pre>
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                     }
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                     std::vector<std::vector<int>> res;
                     for(int i=0;i<m;i++) {</pre>
                            for(int j=0;j<n;j++) {
   if(pacific[i][j]] && atlantic[i][j])
      res.push_back({i, j});</pre>
                     }
                     return res:
              }
```

Back to problem (/problems/pacific-atlantic-water-flow/)

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