Flood Fill (/problems/flood-fill/)

Submission Detail

277 / 277 test cases passed.

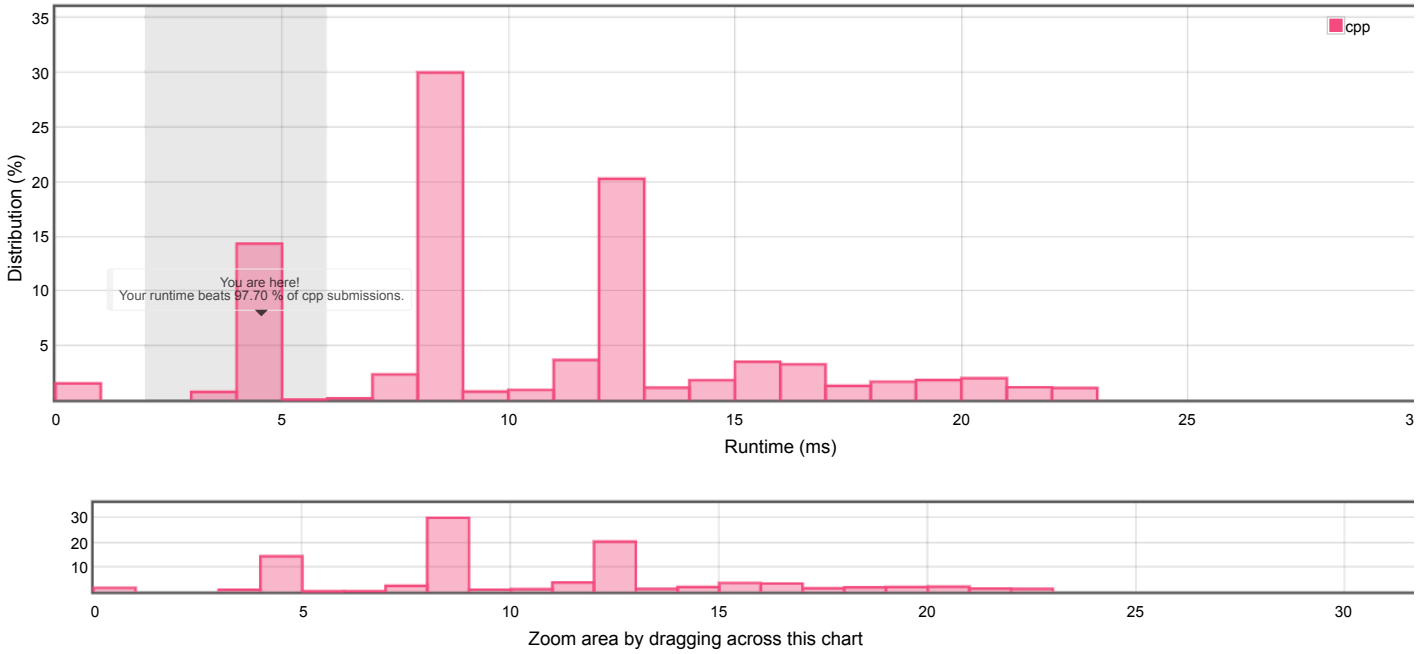
Status: Accepted

Runtime: **4 ms**

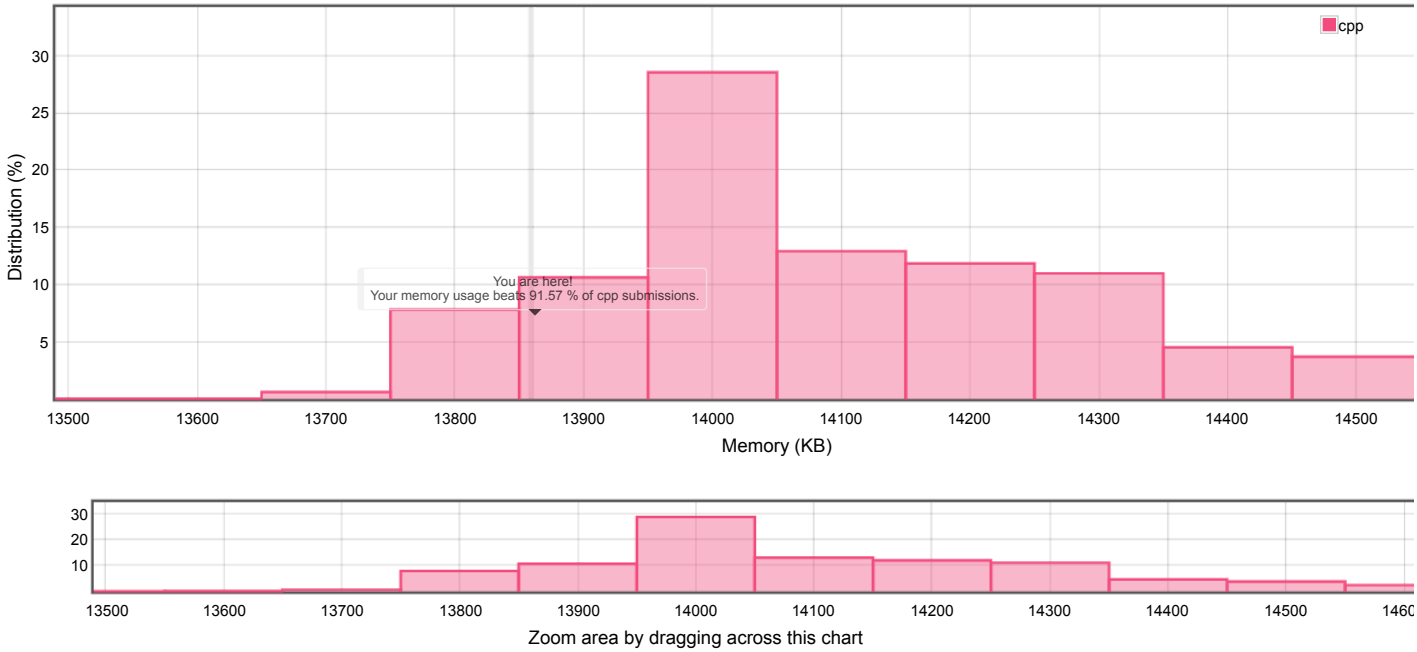
Memory Usage: **13.9 MB**

Submitted: **0 minutes ago**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Flood Fill**

Submitted Code: 0 minutes ago

Language: cpp

Edit Code

```
1  class Solution {
2  public:
```

```
3
4       void dfs(int x,int y,vector<vector<int>>& image,int color,int last)
5       {
6           int n=image.size();
7           int m=image[0].size();
8           /*si llegamos a una situación terminal, de lo contrario, la ejecutamos alrededor del último punto que verificamos hasta que encontramo
                valga la pena               verificar.*/
9           if(x>=n || x<0 || y>=m || y<0 || image[x][y]!=last){
10              return;
11          }
12          image[x][y]=color;
13          dfs(x+1,y,image,color,last);
14          dfs(x-1,y,image,color,last);
15          dfs(x,y+1,image,color,last);
16          dfs(x,y-1,image,color,last);
17      }
18
19      vector<vector<int>> floodFill(vector<vector<int>>& image, int sr, int sc, int newColor) {
20          int n=image.size();
21          int m=image[0].size();
22          /*Llamo a la función dfs solo si el nuevo color es diferente al inicial*/
23          if(newColor!=image[sr][sc]){
24              dfs(sr,sc,image,newColor,image[sr][sc]);
25          }
26          return image;
27      }
28  };
```

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