AlgoExpert

Solution 1

Quad Layout

JavaScript

14рх

Sublime

Solution 1 Solution 2

Monokai

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Run Code

Our Solution(s) Run Code

```
Your Solutions
```

Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   // O(n) time | O(d) space - where n is the number of people
   // in the org and d is the depth (height) of the org chart
 5 function getLowestCommonManager(topManager, reportOne, reportTwo) {
     return getOrgInfo(topManager, reportOne, reportTwo).lowestCommonMana
7
9
   function getOrgInfo(manager, reportOne, reportTwo) {
10
     let numImportantReports = 0;
11
     for (const directReport of manager.directReports) {
12
       const orgInfo = getOrgInfo(directReport, reportOne, reportTwo);
       if (!!orgInfo.lowestCommonManager) return orgInfo;
       numImportantReports += orgInfo.numImportantReports;
14
15
     if (manager === reportOne || manager === reportTwo) numImportantRepo
16
17
     const lowestCommonManager = numImportantReports === 2 ? manager : nu
     return {lowestCommonManager, numImportantReports};
18
19 }
20
21 exports.getLowestCommonManager = getLowestCommonManager;
```

```
1 function getLowestCommonManager(topManager, reportOne, reportTwo) {
    // Write your code here.
5 // Do not edit the line below.
6 exports.getLowestCommonManager = getLowestCommonManager;
```

Run or submit code when you're ready.

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