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Solution 1

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```
1\, // Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
 3 package main
 5 type OrgChart struct {
                string
 7 DirectReports []*OrgChart
8 }
12 func GetLowestCommonManager(org, reportOne, reportTwo *OrgChart) *OrgChart {
    return getOrgInfo(org, reportOne, reportTwo).lowestCommonManager
14 }
15
16 type OrgInfo struct {
    lowestCommonManager *OrgChart
17
18
    numImportantReports int
19 }
20
21 func getOrgInfo(manager, reportOne, reportTwo *OrgChart) OrgInfo {
22
     numImportantReports := 0
23
     for _, directReport := range manager.DirectReports {
24
      orgInfo := getOrgInfo(directReport, reportOne, reportTwo)
25
       if orgInfo.lowestCommonManager != nil {
26
        return orgInfo
27
28
       numImportantReports += orgInfo.numImportantReports
29
     if manager == reportOne || manager == reportTwo {
30
      numImportantReports++
31
32
     var lowestCommonManager *OrgChart
33
34
     if numImportantReports == 2 {
      lowestCommonManager = manager
35
36
37
     return OrgInfo{
      lowestCommonManager: lowestCommonManager,
38
39
       \verb|numImportantReports: numImportantReports|,\\
40
41 }
```