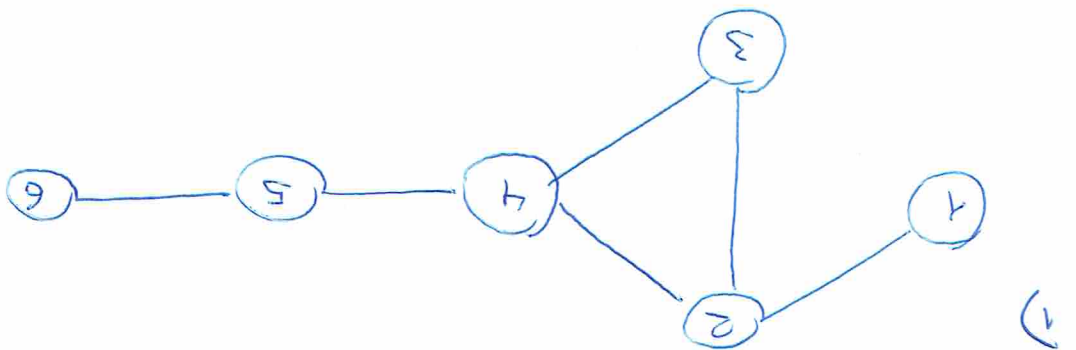


Who's who Solution.



If we look at given data we can conclude that Ed should be on position 5 and Frank is on position 6 as Frank has only one friend and position 6 has only 1 edge.

As Barney and Ed are friends with Charlie Charlie can only be on node 4, because Ed is only connected with nodes 4 and 6. Now Barney

can be on node 3 or 2. But Alan is ~~only~~

friend with 3 people, so he can now only be

on node 2 because node 4 is occupied by Charlie

and #2 and #4 are the only nodes with 3 connections

Well that means that Barney is on #3 and Daniel

is on #1.

Is it unique solution?

Frank could be on other end of chain - on #1.

Then Ed must be on #2, then Alan can only be

on #4. Which means the Alan will have his 3 friends

Barney, Charlie and Daniel around #4 - on #2, #3, #5

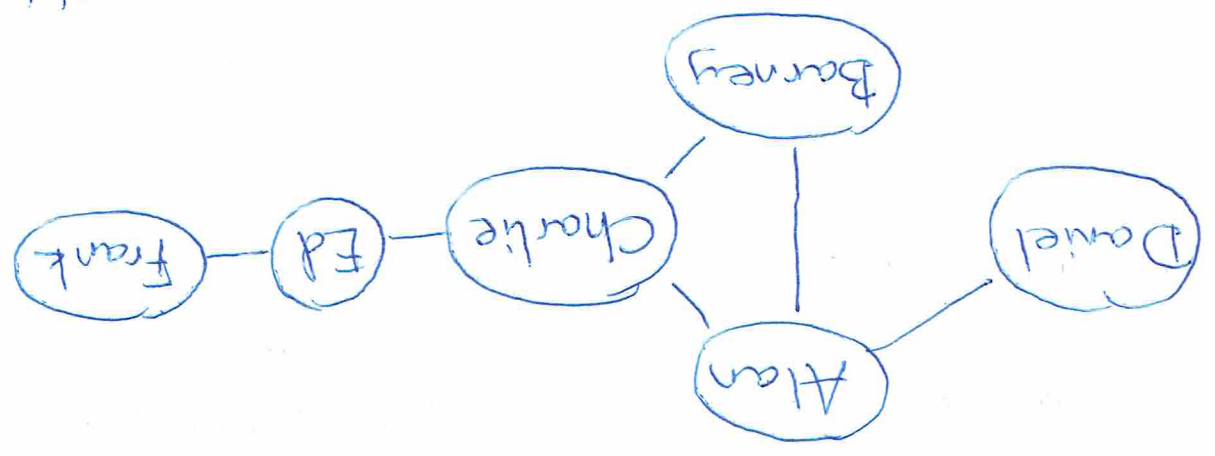
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seems to be the only solution possible



So

which now seems impossible as #2 is occupied with Ed.

Well, what if Frank remains on #6, but Alan moves to #4? Then Ed must remain on #5, but also one of Alan's friends should also be on #5. Again a contradiction.