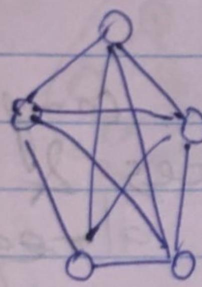
* Count the Number of Complete Components



$$|E| = \frac{n*(n-1)}{2} = \frac{5\times 4}{2} = 10$$

O(V+E)

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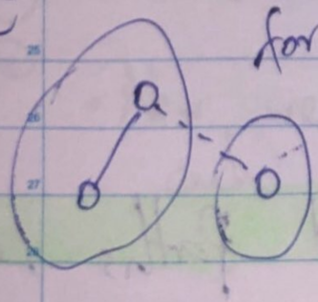

for each edge pair find parent.
If both are the same add one edge to one of the parents (leading parent)
Else take leading parent & set other as a child, update edge count, parent, ~~node~~ node count.

Finally find nodes satisfies s.t. $\frac{n*(n-1)}{2}$

No. Date.

- Do a dfs & keep bottom-up ing by checking depth & edge count. Even not satisfies, continue visiting nodes to mark as visited.