**Problem :** [**https://cses.fi/problemset/task/1679/**](https://cses.fi/problemset/task/1679/)

**Approach :** Do a normal DFS procedure.

Push a Node into the Stack after it’s DFS completes,bcoz by that time all children of that node would already be below in the stack.

Also keep checking for cycle,if cycle is detected print impossible,as this is possible only for **DIRECTED ACYCLIC GRAPH.**

**Code(with explanation) :** [**https://ideone.com/tJH1Ue**](https://ideone.com/tJH1Ue)