## Task 1

a) Using dfs approach we will find the possible course sequence, first we ~~create~~ a create adjacency graph list. Using topological sort idea we find the possible course sequence.

b) for Bfs we need queue and same topological sorting idea we found the course sequence.

## Task 2

It is same as task 1 but must be printed in lexicographically order. For making this we have three pointer and compairing the value we print lexicographical order.

## Task: 3

For Storgly connected components we build a adjacency list using dictionary then applied DFS. For detect cycle we use transpose method.