

17) Solve using DFS: Create a graph with nodes representing courses & edges. And pre-requisites. Use DFS to traverse the graph. Store traversal order in reverse as finishing time. Then print accordingly.

18) Count Indegree for each course and maintain a queue. Then empty the queue accordingly to get desired sequence. Then print.

19) Lexicographically smallest ~~course~~ course: Same task as 18. Just sort the 0-indegree in lexicographically order before adding to the queue.

20) First build a graph accordingly. Run 1st DFS to get the order. Transpose the graph while stack is not empty pop a node and perform DFS on reversed graph to find SCC.