Annighment 5

Tank 1(a)

Firstly I have run DFJ and put and the nodes in a stack which is done in DFJ-topo function and then ming the stack. Pop() i have appended the topological sorting elements in a list, Also I have checked cycle incare it is not DAG.

Tank 1(1)

Finally I have counted in degree for all the nodes and then I have stanted BFJ from the Ventex which has indegree of 0; while exploring the reighbor of that indegree of ventices the indegree count will be decremented. Lastly, I have appended all the modes in their topological on der in a lint.

JMK (2)

thin will be exactly name on tank I (a) but with a additional things which in when he explore the grouph of a node we will so from low to higher value.

Tank(3)

Firstly; we will create worked 2000 he will the mornal DFJ we will append the Values in a stock and then in the Konarasiu algoristhm we will pop the value from the stack and run DFJ in the reverse grap then we get the amuel.