Page Day-207 Graph-11 Shantast Path in Directed Acyclic (nnaph; * 3 2 4 5 The numbers on the edge we called it as weights. We have noturn all the distances from = source ventex The use the previous day method then it will not give us correct answer. 7 If we use DFS than, we will visit the already visited nodes. So, this will increase the time complainty 킈 will by we will do that we find the min \Rightarrow distance of that nade from source nodo. dist[3] = min (6 + dist[1], 2 + dist[5]) \Rightarrow So, we will first calculate the min = previous distances to go further.

Page So, we have to make a order -0241536 (Order of edges vertex) And this order is Topological sort. when we are solving the question, we have which verdex is having edge on the current vertex. For that we have to check Adj. List. But this will increase our T.C. Su we will do relaxing of edges. =) dist Chaigh,] = min (dist Chaigh,] , weight (node, neigh) + dist Chode] V