CSE221 Lab Assignment-03

Name: And Initiaj Horssain

Ed: 19201031

See : 02

4NOANGWER

Time complexity of BFS (Tark-1) Algorithm

add List > O(V+E)

add matrix > O(V+E) For represent each edger

For each vode

Fine complexity of DFS (Task-3) Algorithm

adj list -> O(V+E)

11 matrix -> O(V+E)

>DFS gets the victory troad first. If Victory troad connect with first node on second note then BFS gets the vectory troad first? Since it connect with the last and DFS goest to the dept first, That's why DFS gets first.