Tork'A:

Here, the time complexity of for checking not there, the time complexity of for checking not standard is connected to its connected porting man, sharders it will be O(V). In John , the John time of complexity will be O(V).

BFS in odjacency list, to oberk all nodes to the In adjacency list, to oberk all nodes to the time complexity will be O(E). Again, for adding node in the queeze, popipi poping node the node in the queeze, popipi poping node the time complexity becomes, o o(V).

: Time Complexity = O (V+E).

Building the Mary trail of the

Des in Addressey list: In this algo. The time to completity to visit all node to OU O(V). Again, the fine take For traversing through the connected nodes in OLE). : Fotal time complexity = O(v+E)

DPs in adjacency matrix! The p time complexity of DFS in adjaceny matrix to similar to BFS which in all's

for- every node.

In this particular seenanio, the usage of DFS in more juitable because we the nedundant nodes are avoided in DFS. : Grany will be to reach their destination

first.