CSE 221 LAB 03

TASK OF

for both BFS and OFS we have to traverse all me nodes in mir everst cases.

Using Adjacency list:

10 traverse V number of vertices and E number of edges in a graph, both BFS and DFS aloge algorithisms have time complexity of O(V+E)

Using Mahin:

for v number of vertices the mortion will be VXV. So time complexity for both the algorithms is O(V)

eve can see from the outputs of task 2 and 3, DFS needs to traverse 1865 than BFS to reach victory road. Hence, DFS gets to me withry mad first.