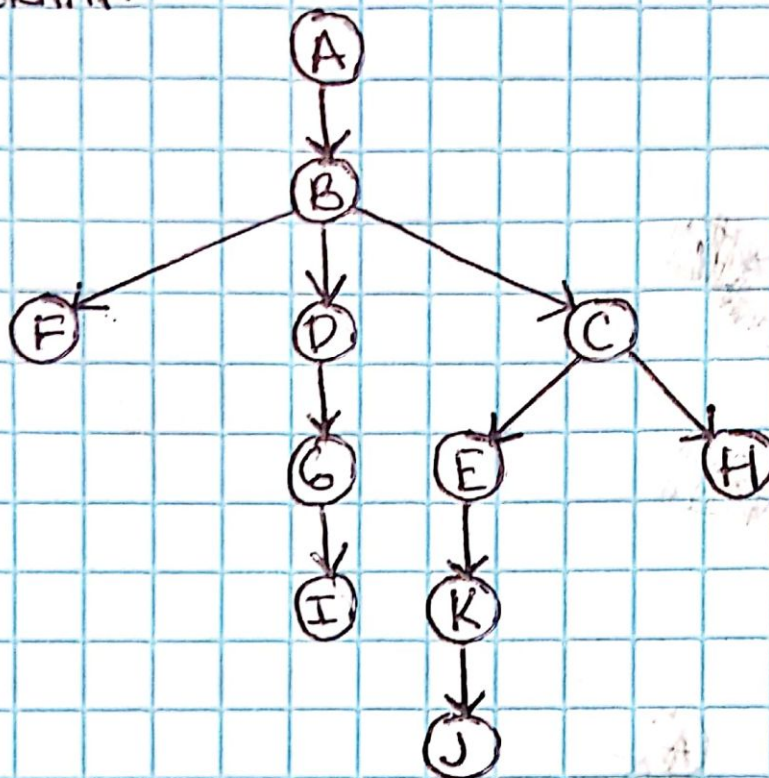
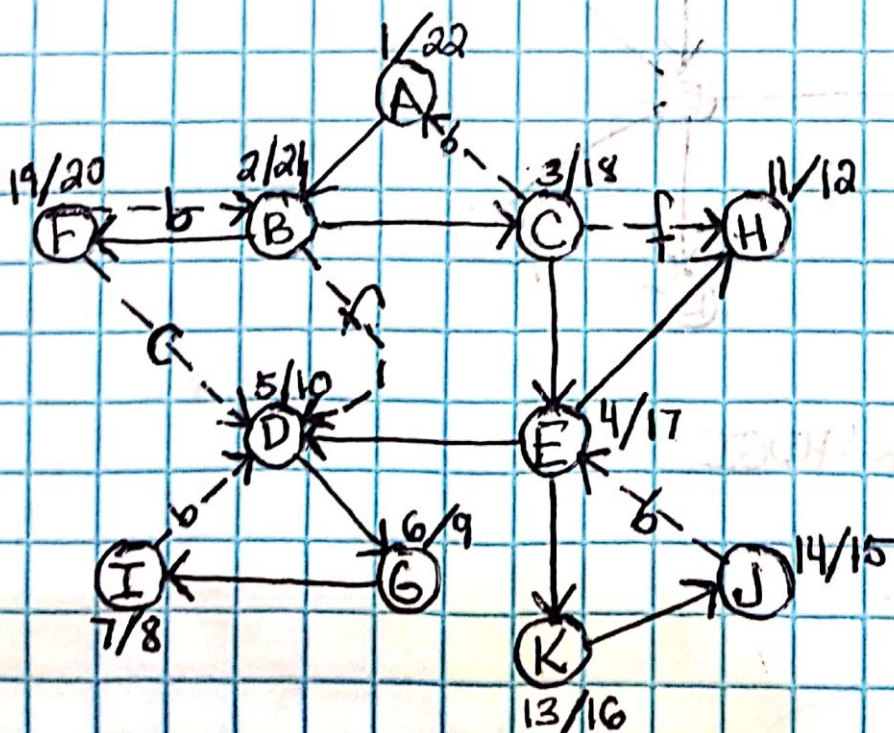


1) BFS GRAPH:



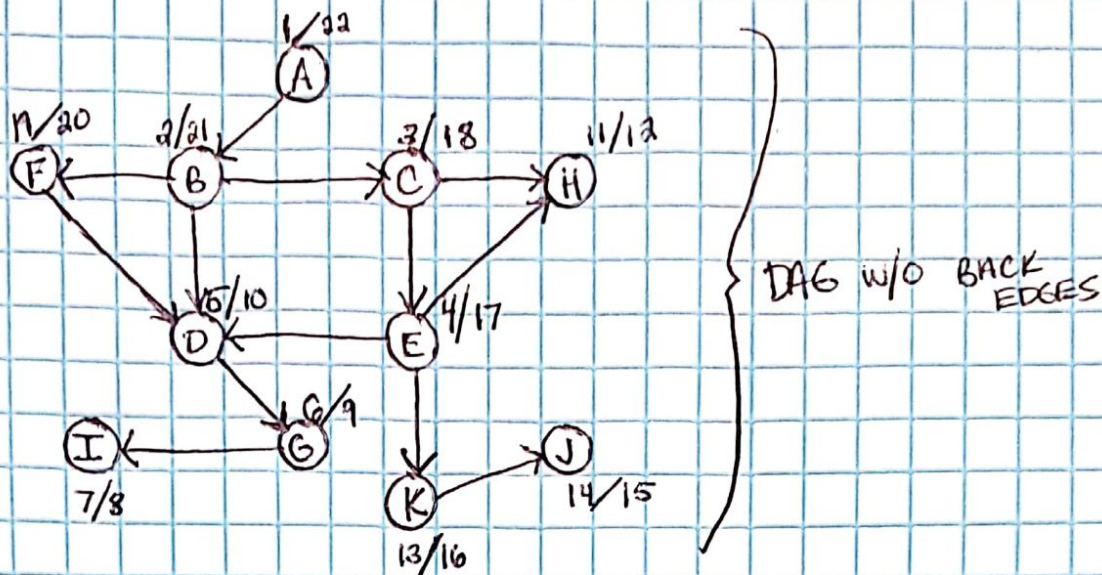
2) DFS WITH EDGE CLASSIFICATIONS



KEY (FOR # 2)

- \longrightarrow = TREE
- $-\text{f}-\longrightarrow$ = FORWARD
- $-\text{b}-\longrightarrow$ = BACK
- $-\text{c}-\longrightarrow$ = CROSS

3)



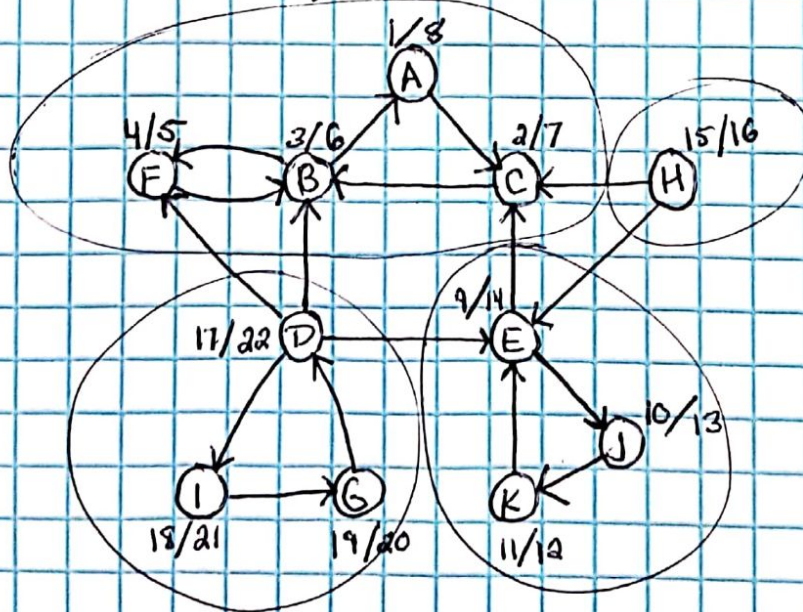
REVERSE ORDER OF FINISHING TIMES FOR TOPOLOGICAL ORDER:

$[A, B, F, C, E, K, J, H, D, G, I]$ = TOPOLOGICAL ORDER

BF. TOPOLOGICAL SORT: ~~sorted~~ [A, B, C, F, E, H, D, K, J, G, I]

4) STRONGLY CONNECTED COMPONENTS

TRANSPOSED GRAPH, G^T :



STRONGLY CONNECTED COMPONENTS:

- ACBF
- EJK
- H
- DIG

