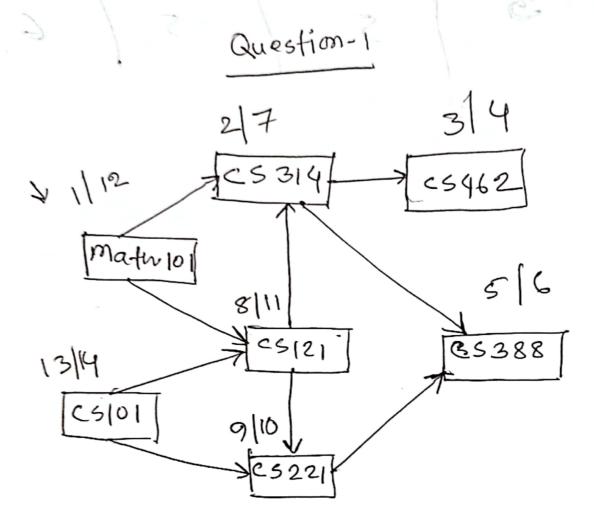
Assignment -.

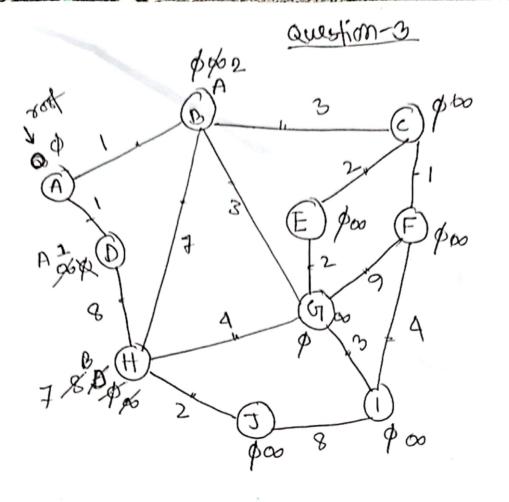
Shaman Rahman Niloy

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DSA theory-2

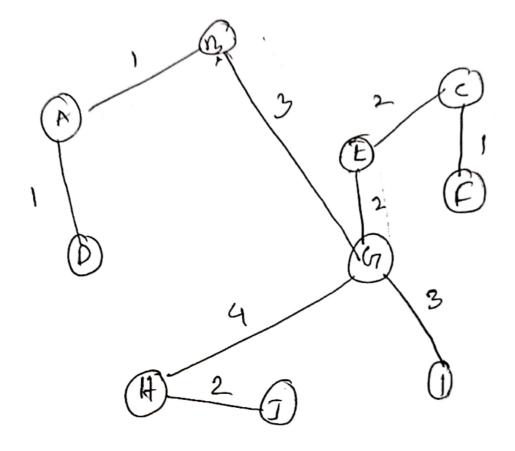


CS462 - CS388 - CS314 - CS221 - CS121



X	=8	֡
Y	-0	

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directed graph we must first use DFS traversed vertex u while visiting visiting vertex v, such that vertex. Then we can detect any any existence

- 20) It we perform a Union-find operation on the connected of components of the in a graph. We can also determine whether the two nodes are in the same connected components or not in the graph.

 2 cii) We can also perform the a Union-find to do termination
- to determine whether the 2 nodes of a connected component graph exister or leads to a cycle.