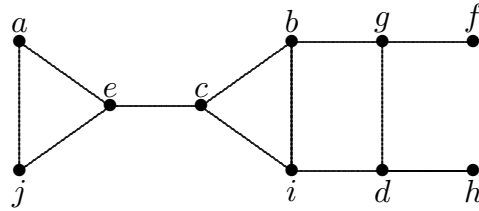


**CS1231 ADDITIONAL TUTORIAL QUESTIONS**

1. Find a spanning by (i) depth first search (ii) breadth first search using the alphabetical ordering. For (i) order the vertices by the DFS ordering.



2. Construct the universal address system for the given ordered rooted tree. Then use this to order its vertices using the lexicographic order of their labels.



3. Find a minimum spanning in the following graph.

