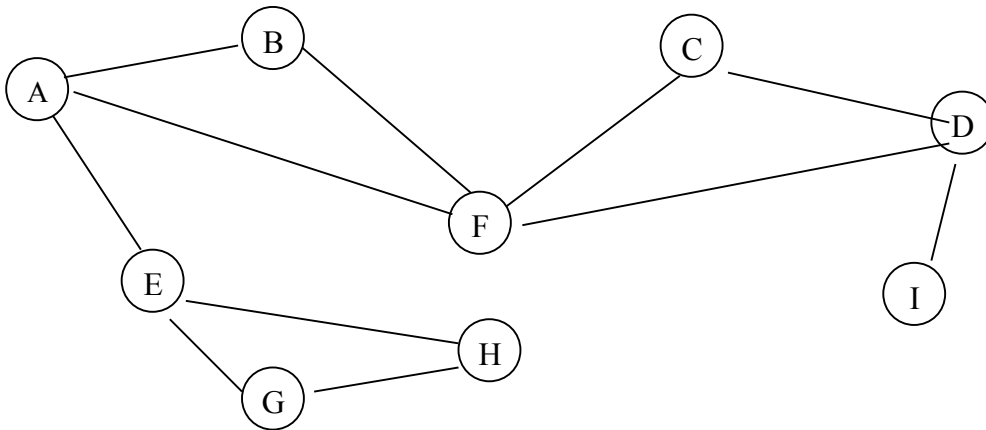
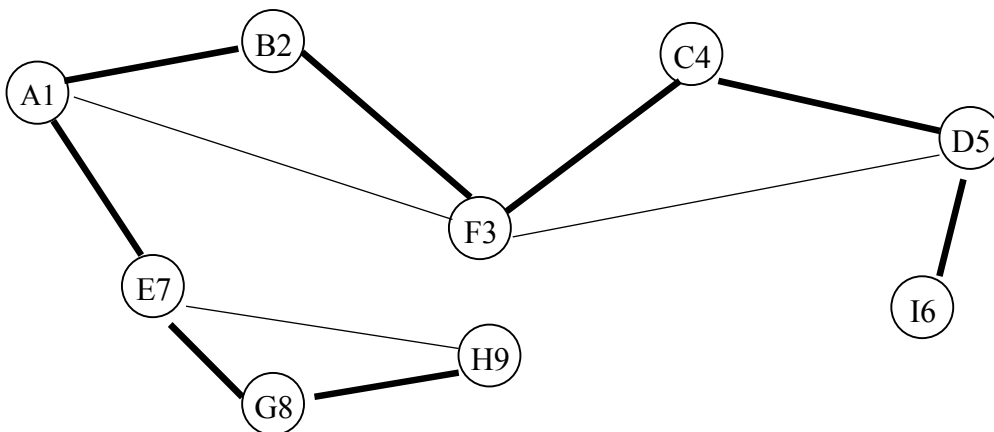


CS 1501 Depth-First Search (DFS) and Breadth First Search (BFS) of an unweighted graph

Original Graph:



DFS Spanning Tree: (nodes are marked with order that they are selected into the tree; edges selected are **bold**). When given a choice, lower alphabetical neighbor of the current node is chosen first.



BFS Spanning Tree: (nodes are marked with order that they are selected into the tree; edges selected are **bold**). When given a choice, lower alphabetical neighbor of the current node is chosen first.

