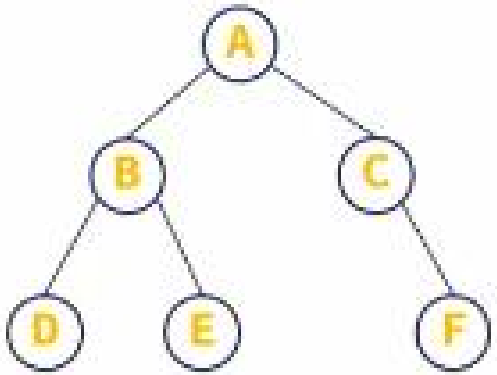
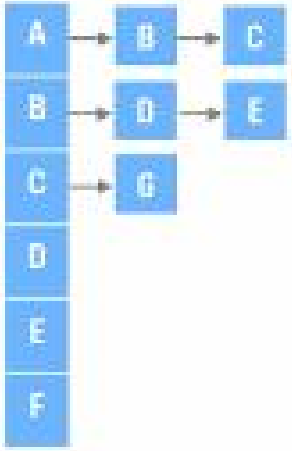
# Tree Representation



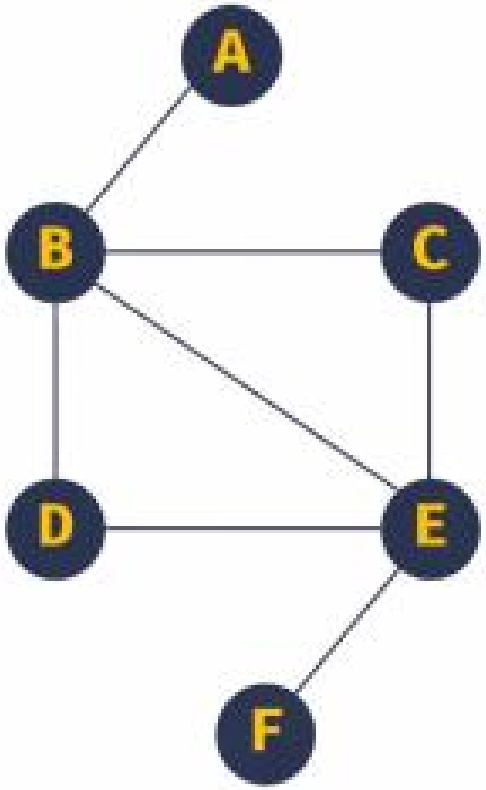



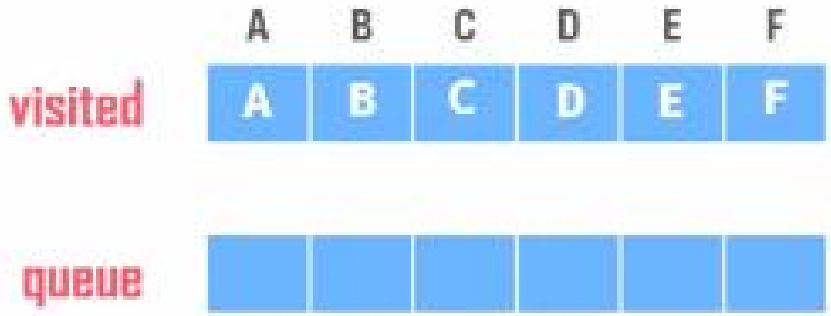

Adjacency List

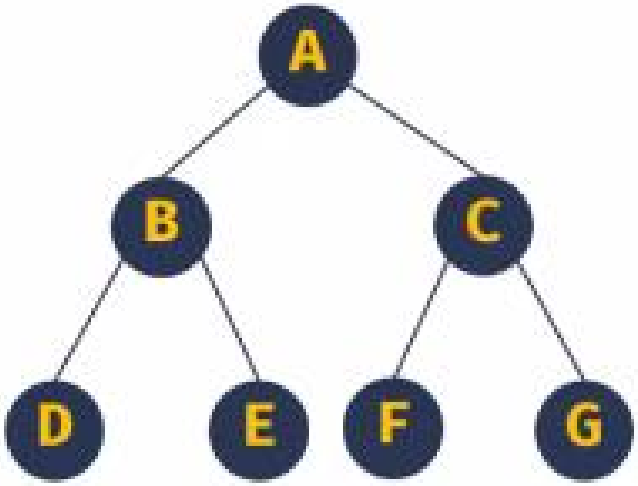
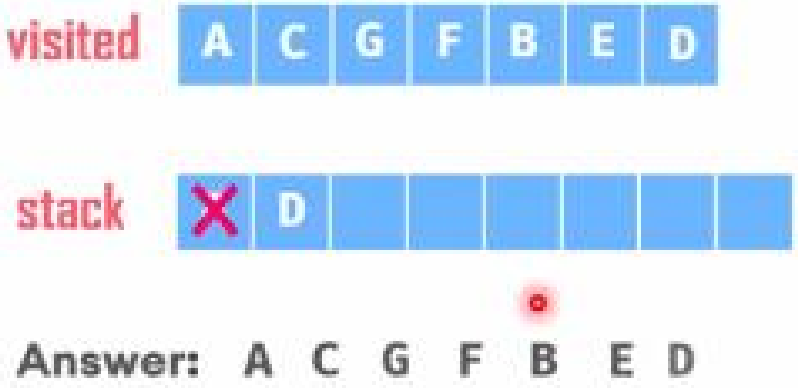
| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| A | 0 | 1 | 1 | 0 | 0 | 0 |
| B | 1 | 0 | 0 | 1 | 1 | 0 |
| C | 1 | 0 | 0 | 0 | 0 | 1 |
| D | 0 | 1 | 0 | 0 | 0 | 0 |
| E | 0 | 1 | 0 | 0 | 0 | 0 |
| F | 0 | 0 | 1 | 0 | 0 | 0 |

Adjacency Metrix

# BFS(Breadth First Search)




Answer: A B C D E F

# DFS (Depth First Search)