

- 1. Let us now consider graphs (a) and (b)
  - Give formal definition to graphs
  - Give adjacency list representation of graphs
  - Give adjacency matrix representation of graphs
- 2. Do a breath-first-search to graph (a) starting from node g
- 3. Do a breath-first-search to graph (b) starting from node f
- 4. Do a depth-first-search to graph (b) starting from node f
- 5. Do a depth-first-search to graph (c)

Assume that nodes in adjacency lists are observed in alphabetical order.