Graph traversal

- Depth first: visit self then each node in order that has not already been visited
- Similar to a tree pre-order traversal except there is no root, and must test for already visited nodes
- Can be implemented with recursion or with a loop and a stack

**Depth first traversal**
- From A: ABCED
- From B: BCADE
Breadth first: visit all nodes at the same depth in order of increasing depth that has not already been visited.

Similar to a tree in-order traversal except there is no root, and must test for already visited nodes.

Breadth first traversal from A:
- ABDCE

From B:
- BCAED