
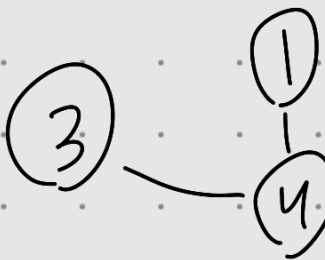


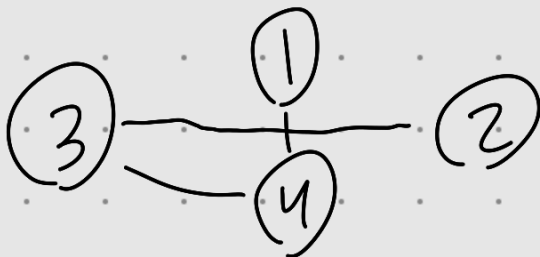
DFS

1). Order: 1, 4, 3, 2

① Node 1 pushed on stack, neighbors pushed on stack. Node 1 explored and popped

 4 At top of stack. Neighbor 3 is pushed on stack.
4 is explored and popped.

 3 At top of stack.
No new nodes to push on stack. 3 explored and popped.

 2 At top of stack explored and popped.

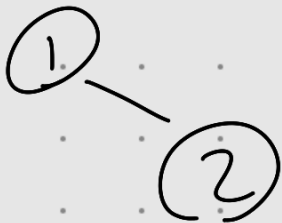
BFS

1, 2, 4, 3

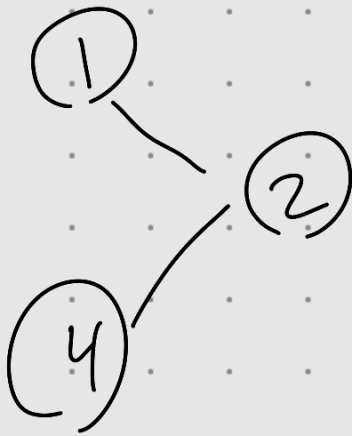


Node 1 is put on queue,
marked as explored.

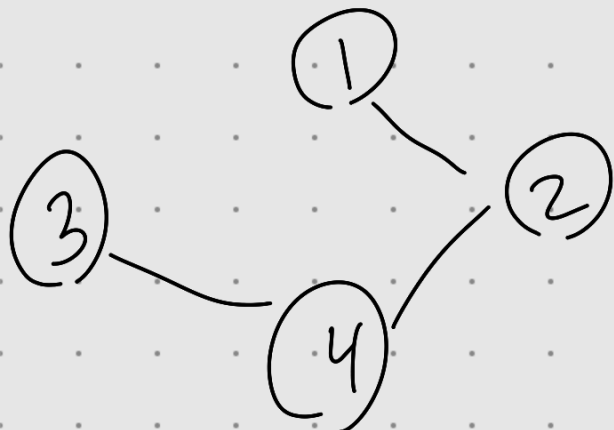
Node 1 neighbors put on queue



Node 2 marked as visited
Neighbors not already in
queue is put on queue.
So Node 3.



Node 4 marked



Node 3 only node not
marked.
visited.