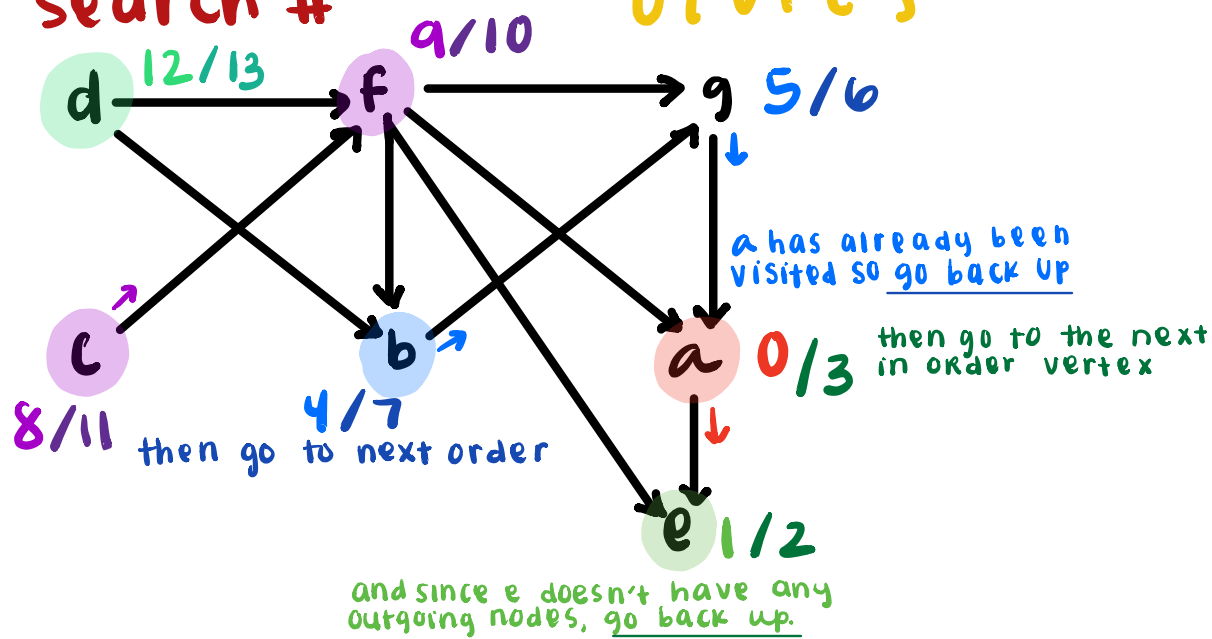


DFS Start at first vertex and then go to outcoming nodes and update the search # $O(V+E)$



Visited

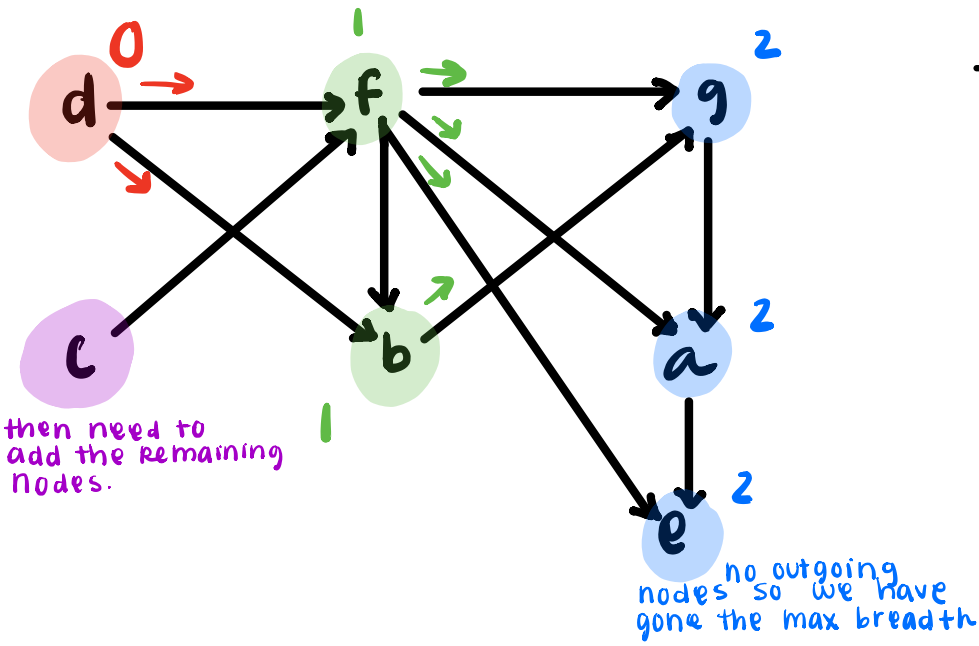
a
e
b
g
c
f
d

Topological Reverse finish time based on the denominator of DFS $O(V+E)$

d, c, f, b, g, a, e
13, 11, 10, 7, 6, 3, 2

BFS

pick any node and then go to the highest order node that is outgoing. Keep track of the levels. $O(n+m)$



Queue	
0	d
1	f
1	c
2	g
2	b
2	a
2	e
	c