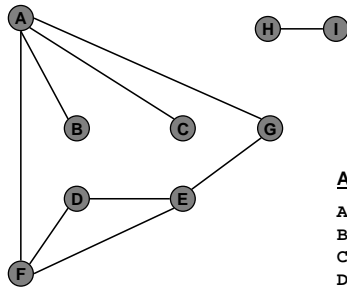


Undirected Depth First Search

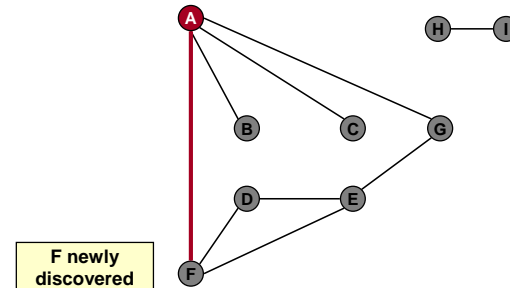


Adjacency Lists

A: F C B G
 B: A
 C: A
 D: F E
 E: G F D
 F: A E D
 G: E A
 H: I
 I: H

1

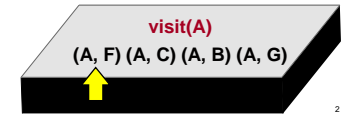
Undirected Depth First Search



F newly discovered

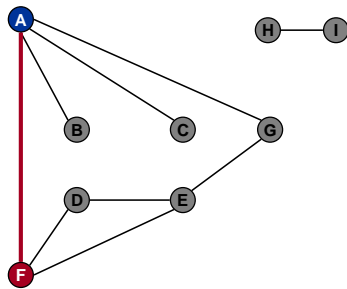


Stack



2

Undirected Depth First Search



A already marked

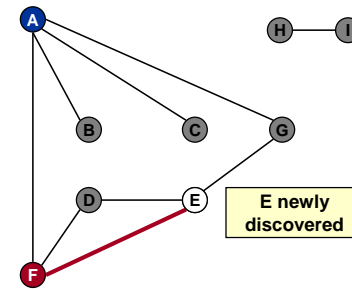


Stack



3

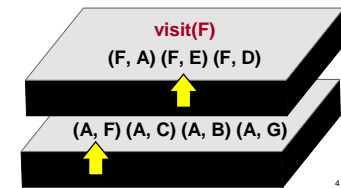
Undirected Depth First Search



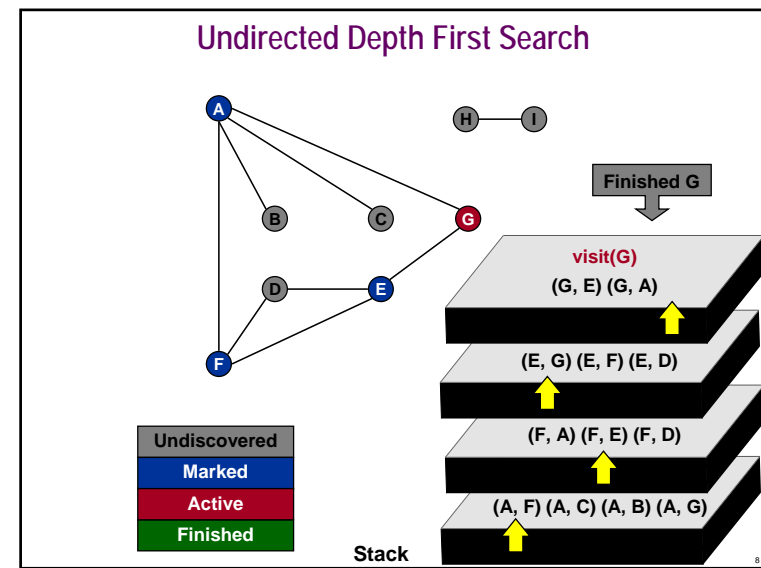
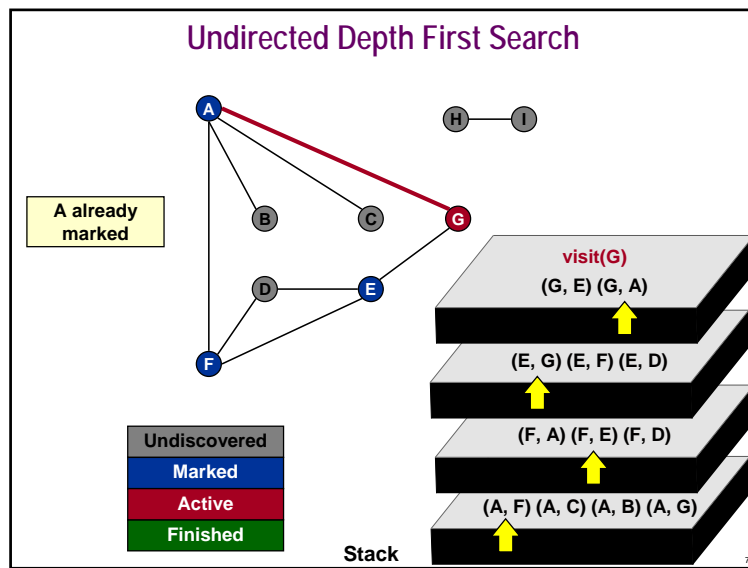
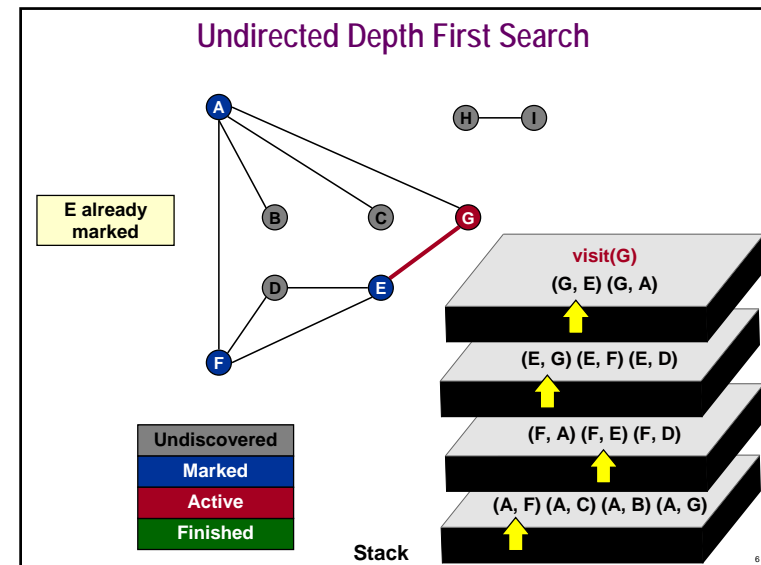
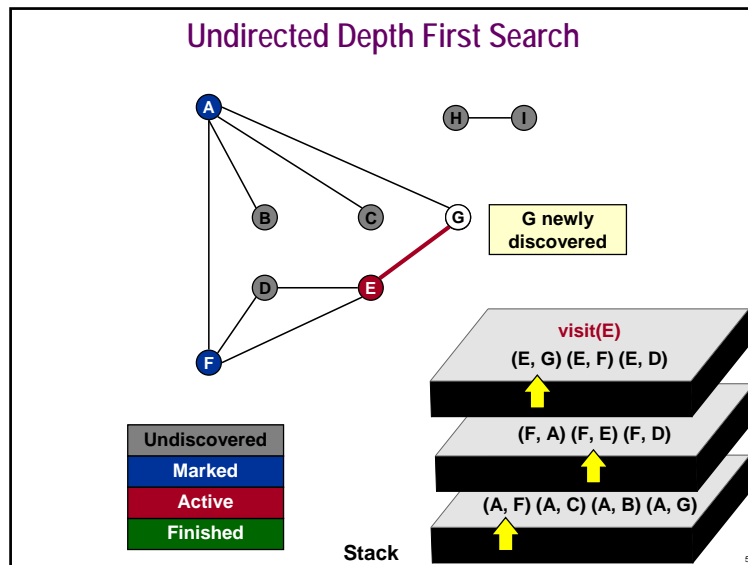
E newly discovered

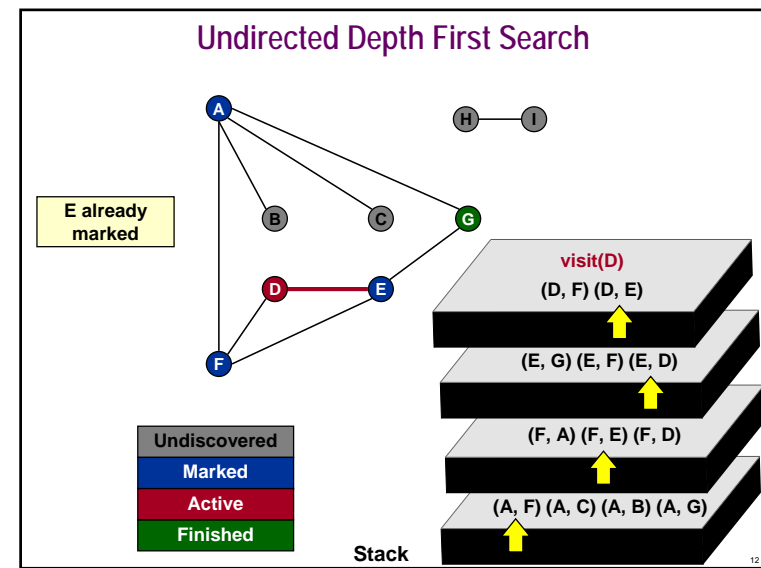
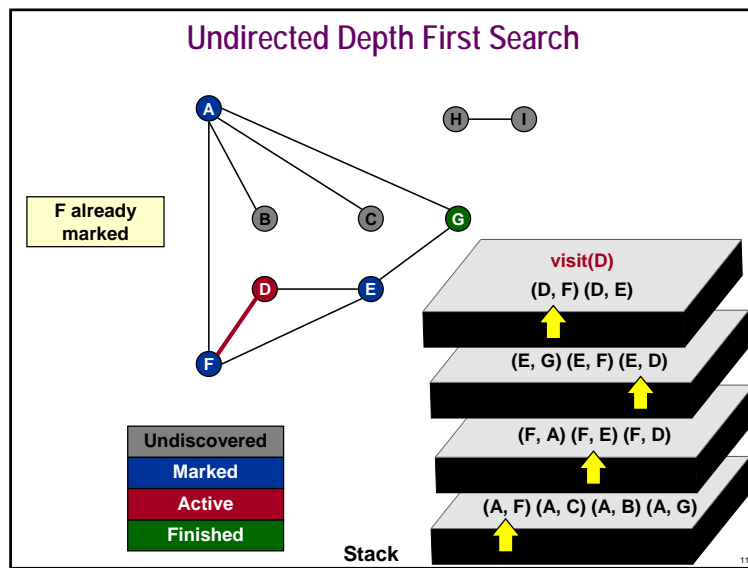
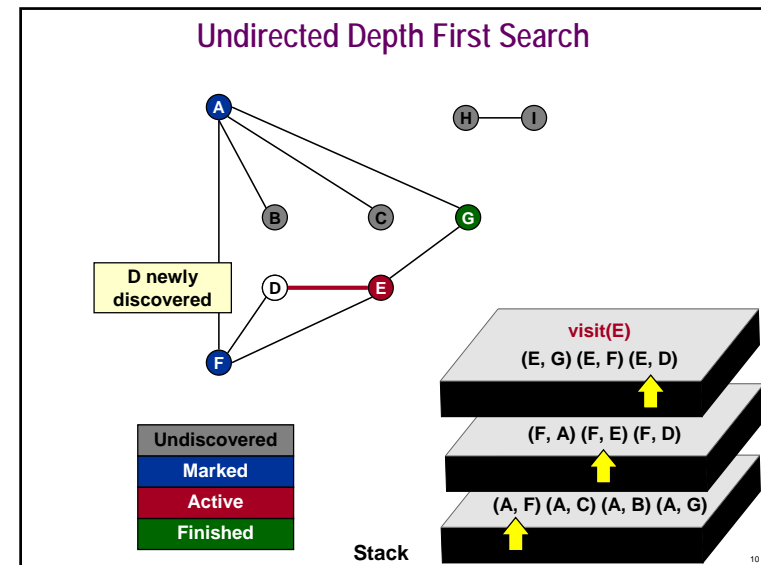
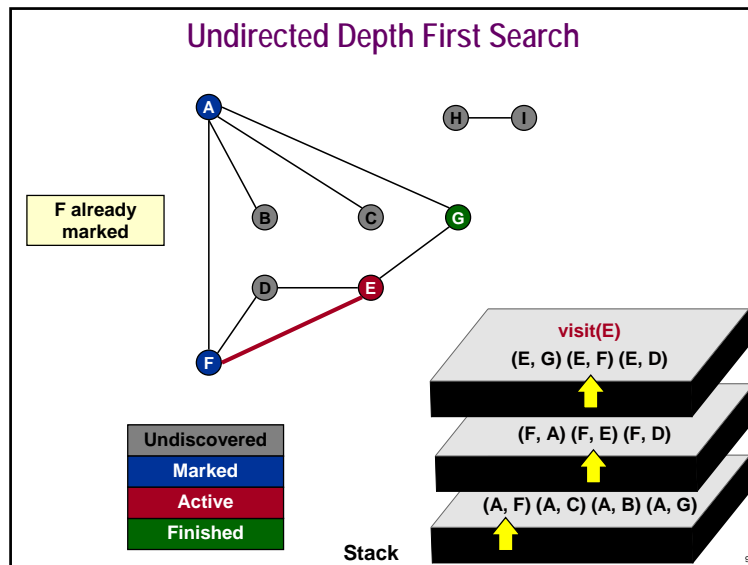


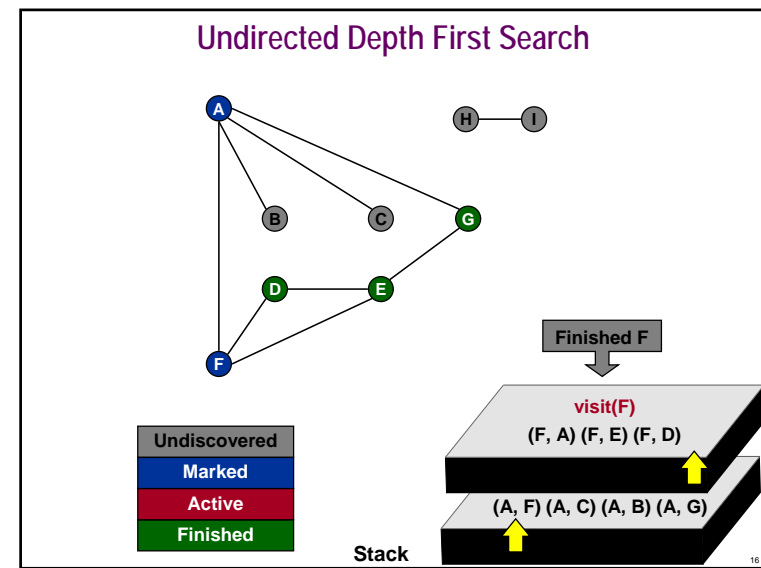
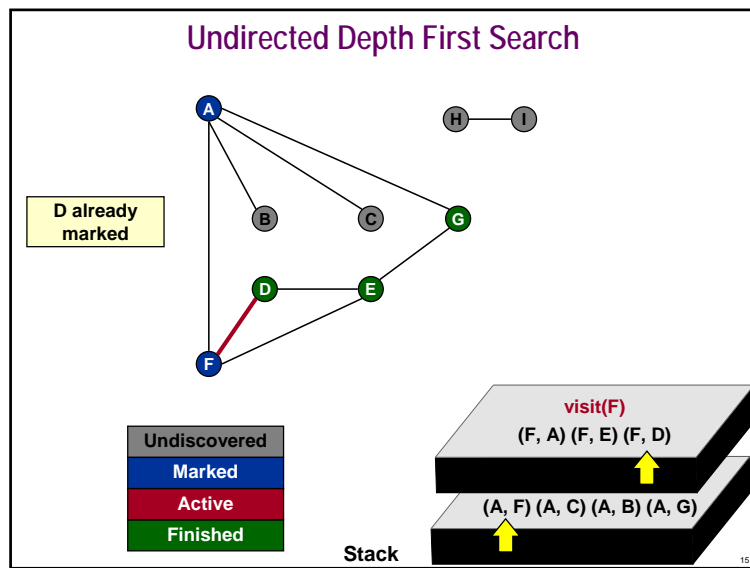
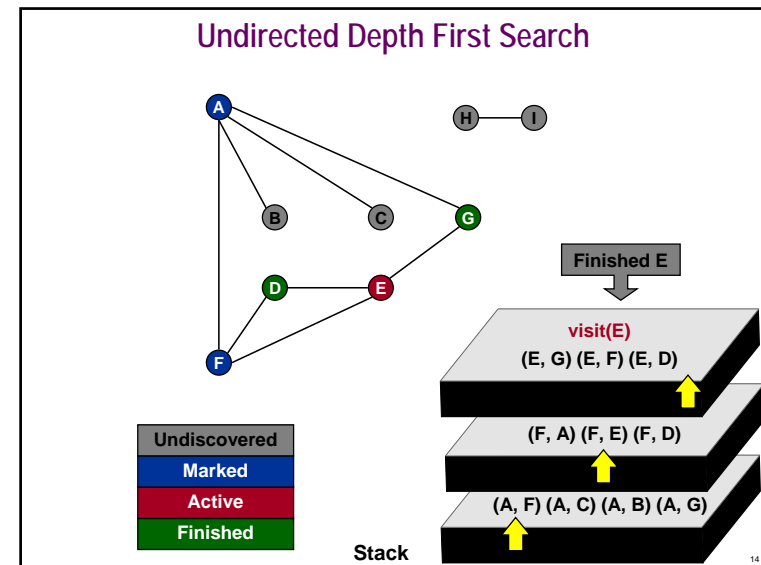
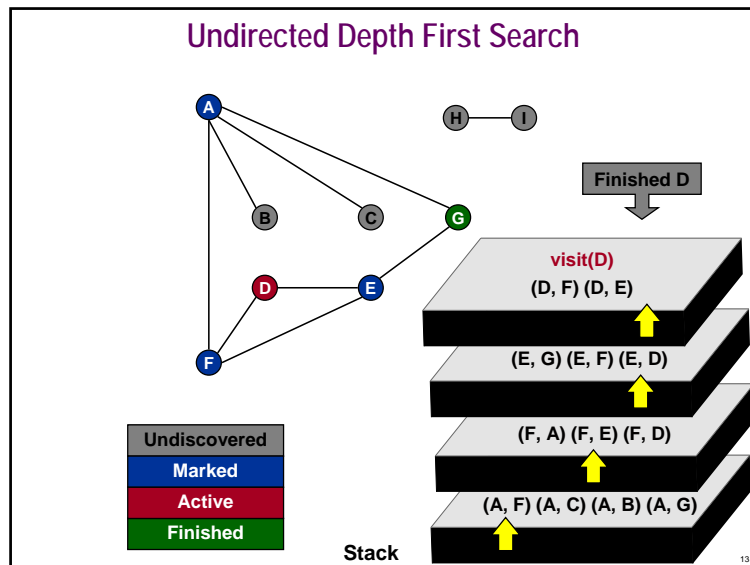
Stack



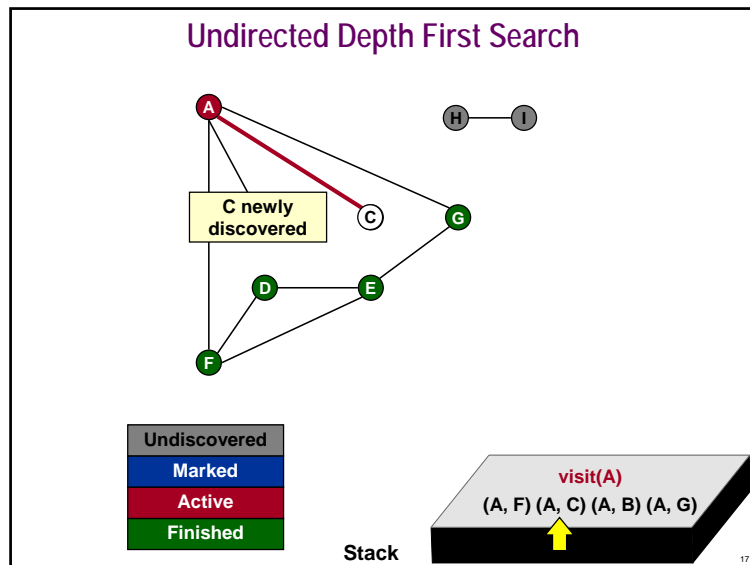
4



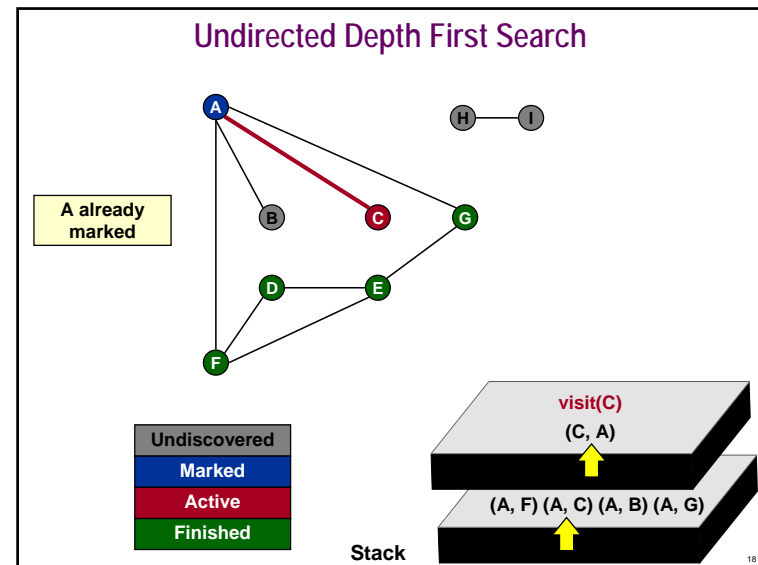




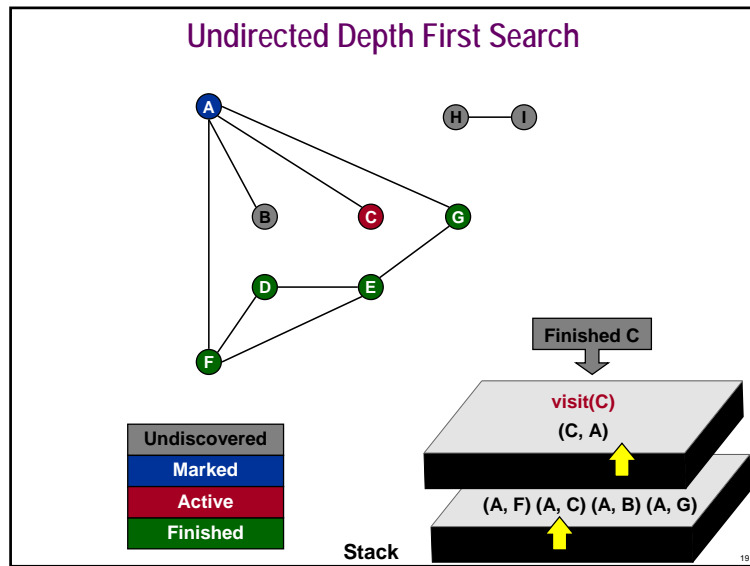
Undirected Depth First Search



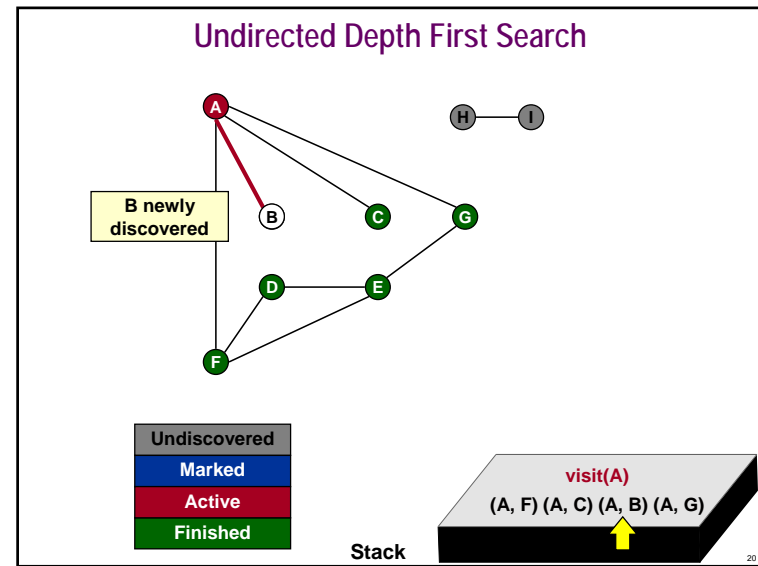
Undirected Depth First Search

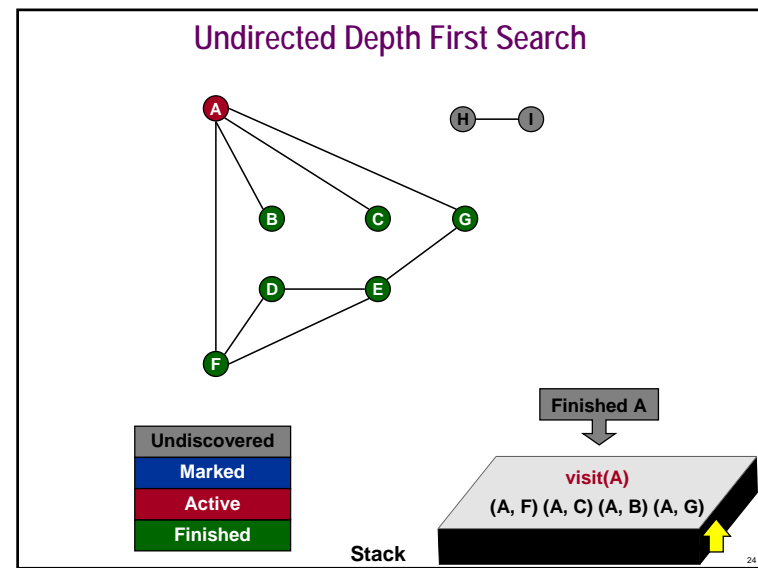
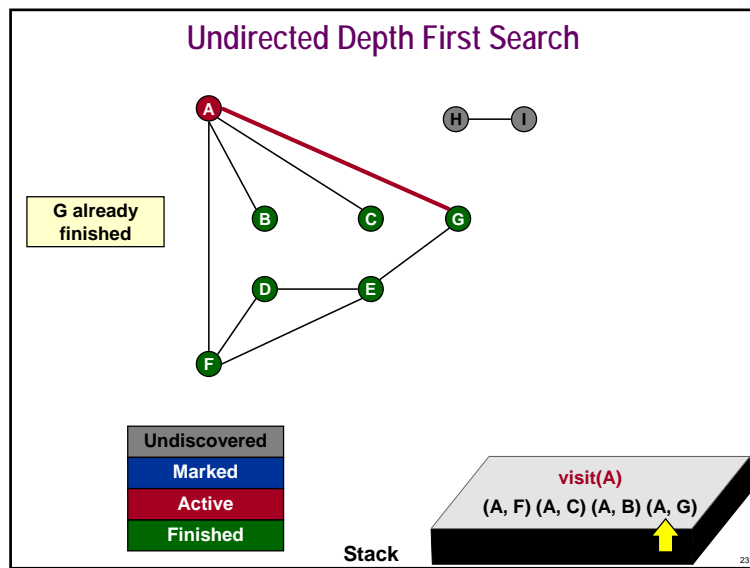
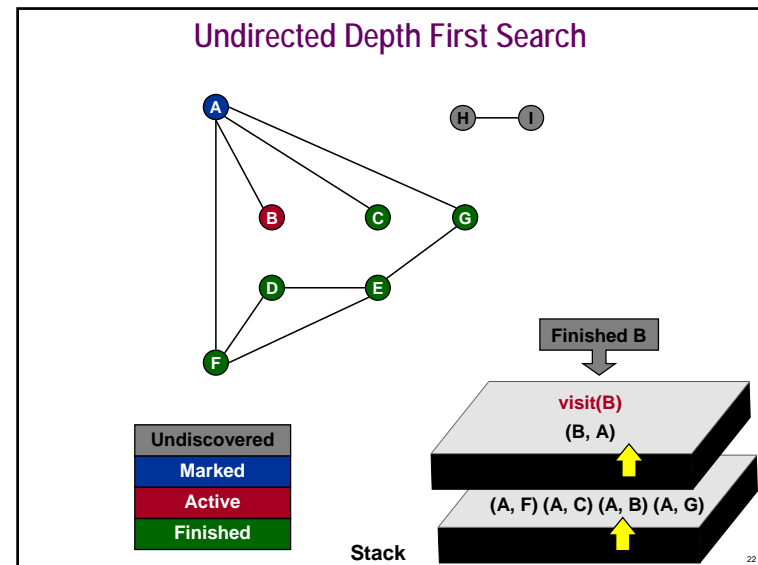
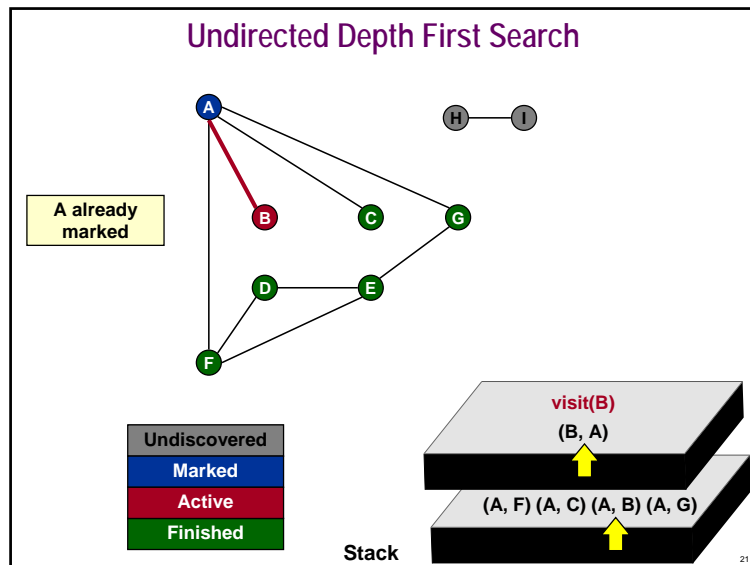


Undirected Depth First Search

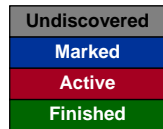
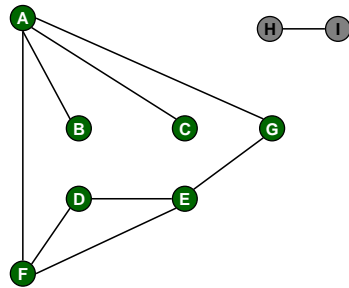


Undirected Depth First Search





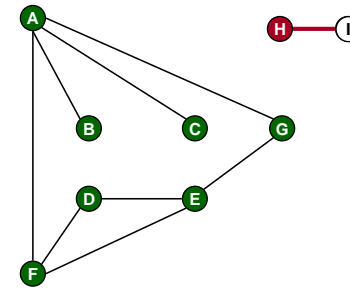
Undirected Depth First Search



Stack

25

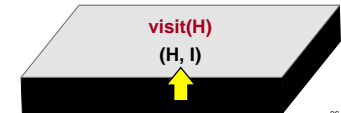
Undirected Depth First Search



I newly discovered

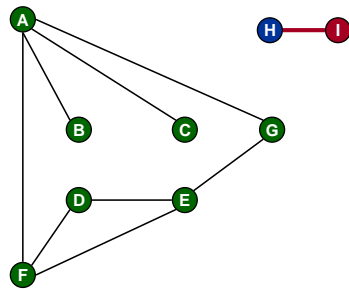


Stack



26

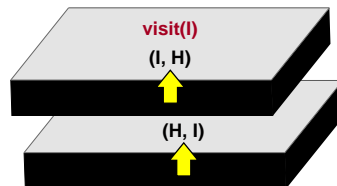
Undirected Depth First Search



H already marked

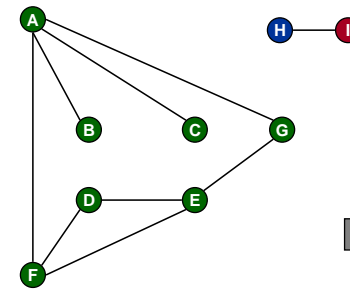


Stack



27

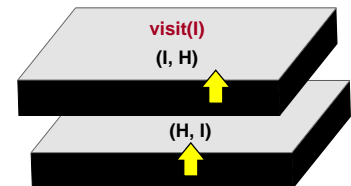
Undirected Depth First Search



Finished I

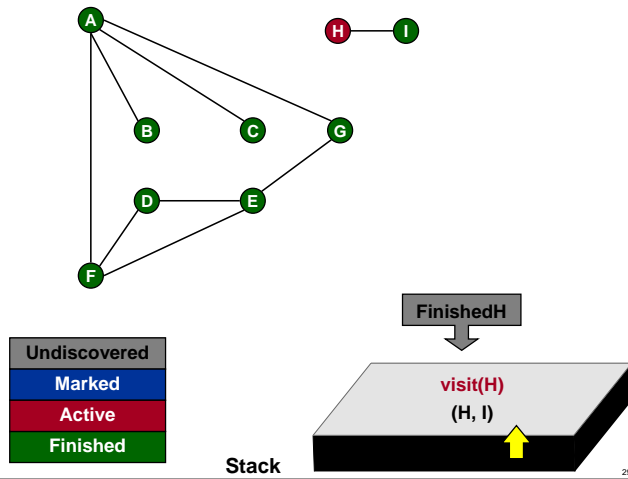


Stack



28

Undirected Depth First Search



Undirected Depth First Search

