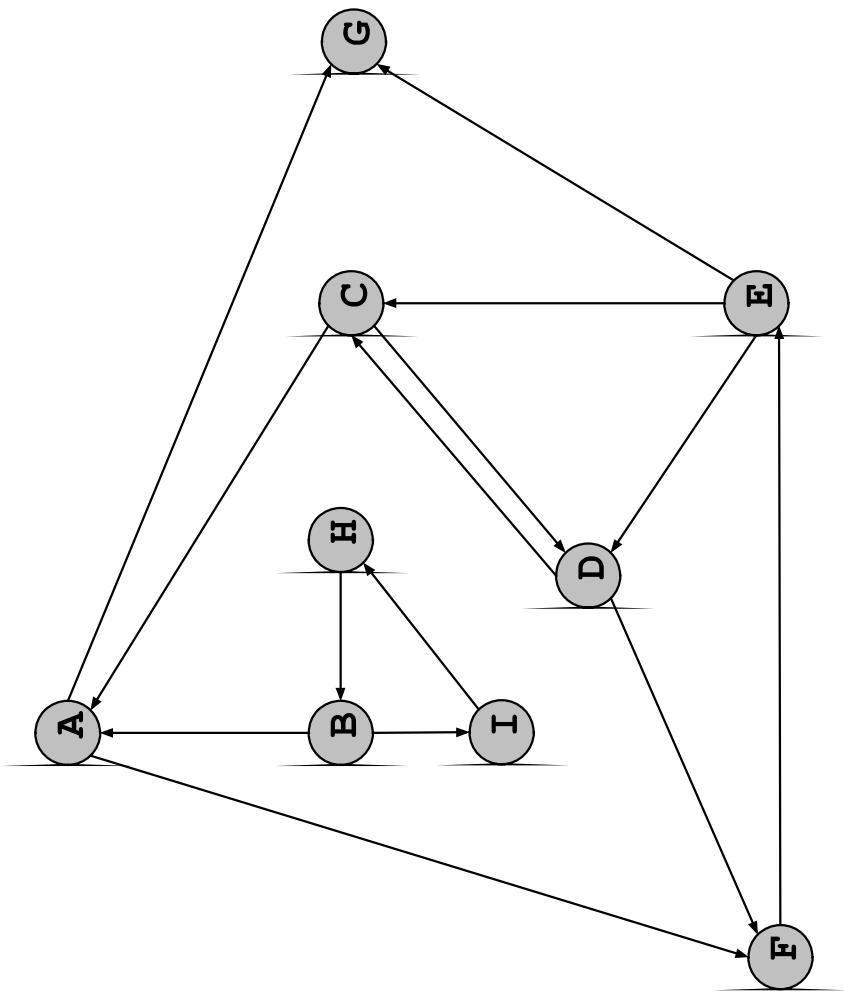
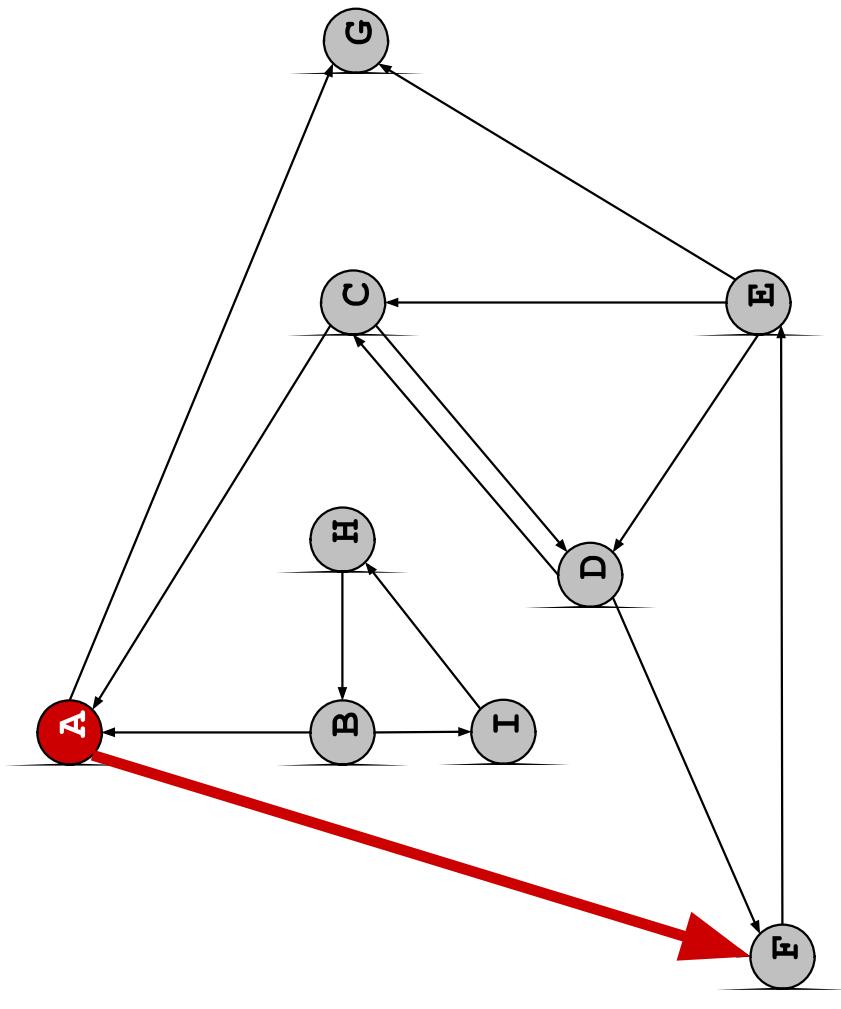


Depth First Search



Depth First Search



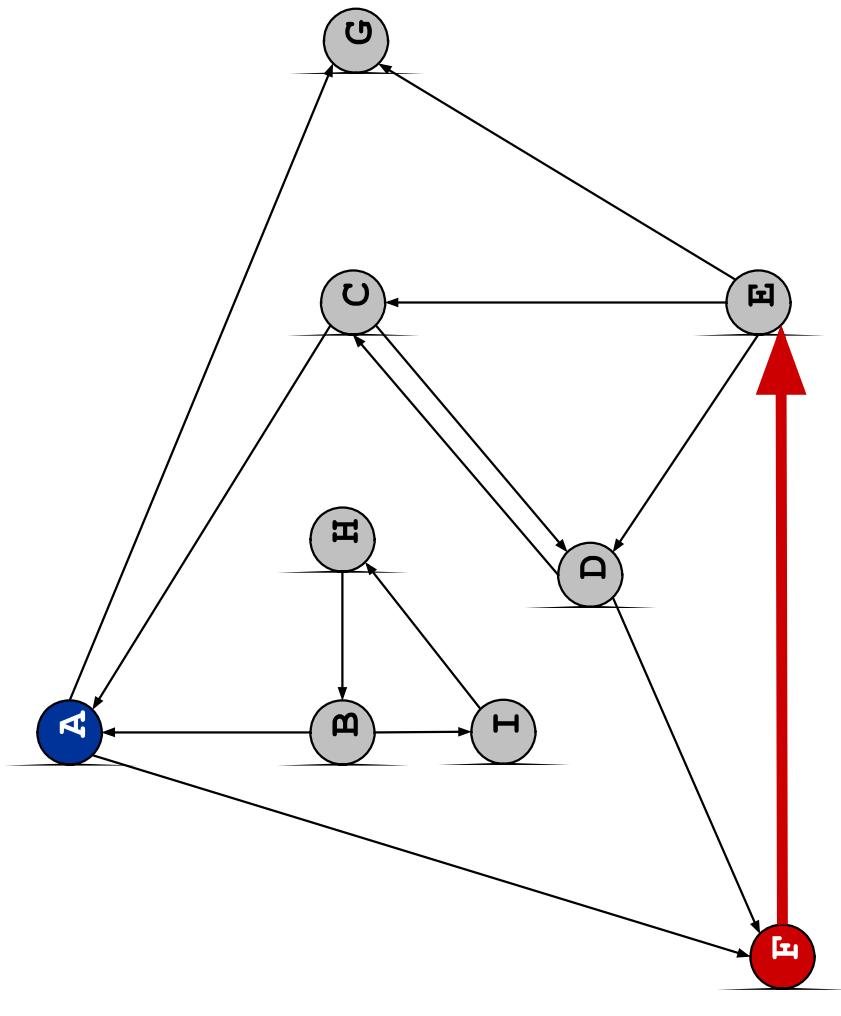
Function call stack:

2

$\text{dfs}(A)$
A-F A-G
T

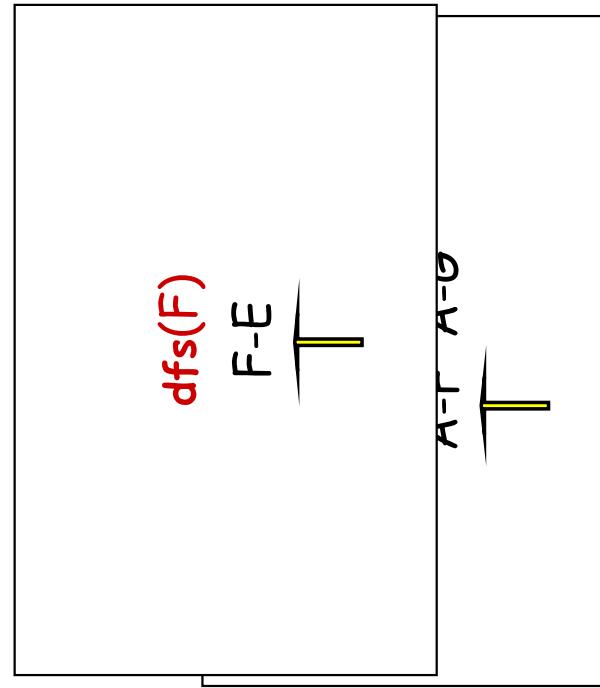
A

Depth First Search

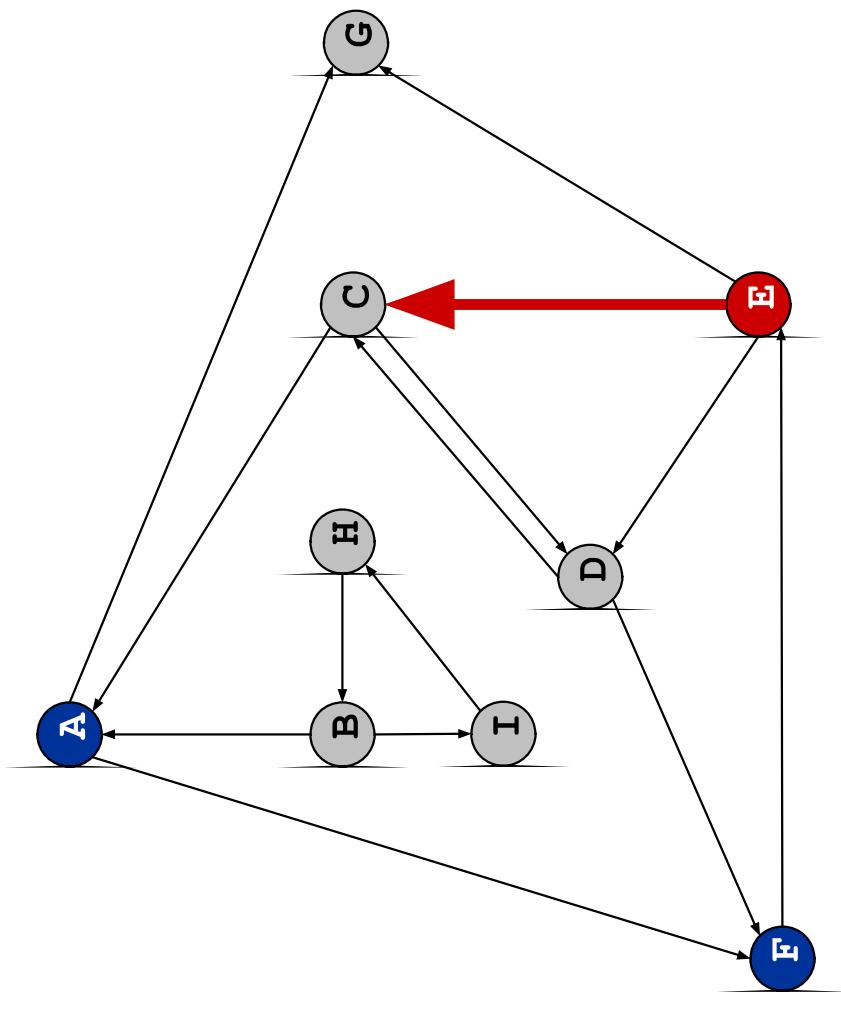


Function call stack:

A F



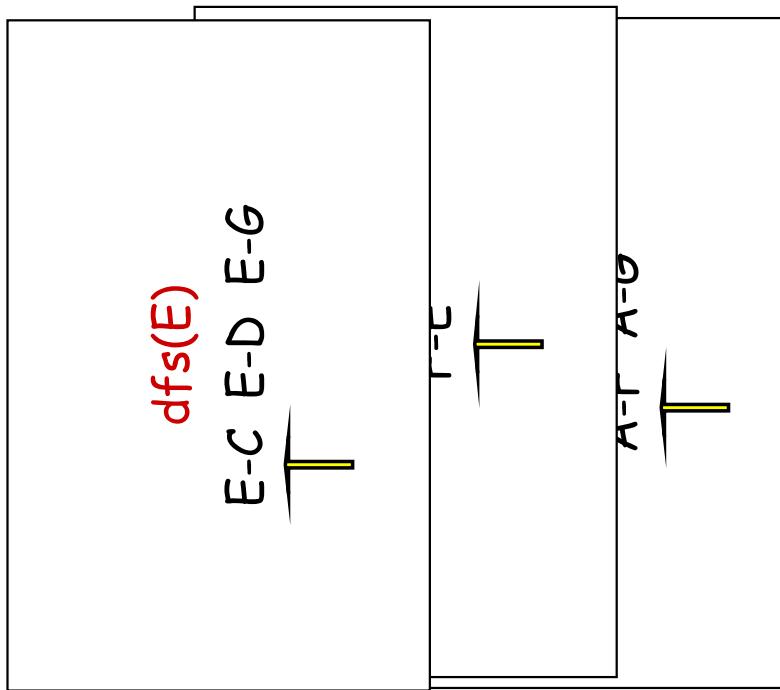
Depth First Search



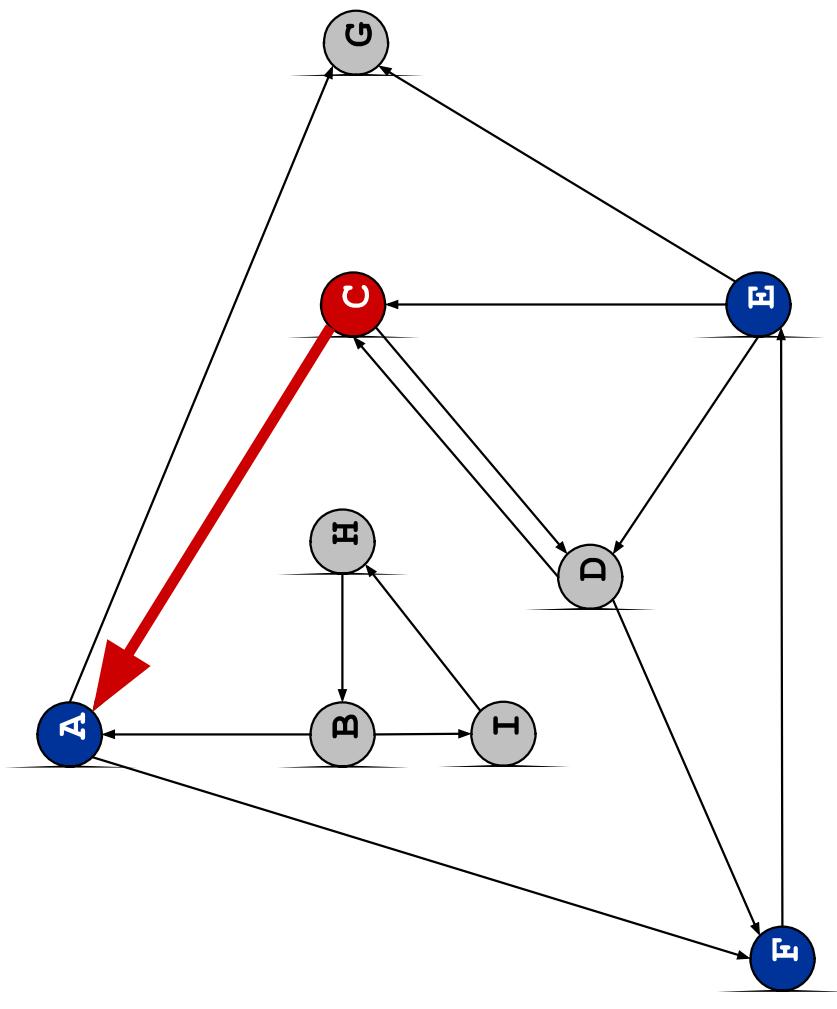
Function call stack:

A F E

4

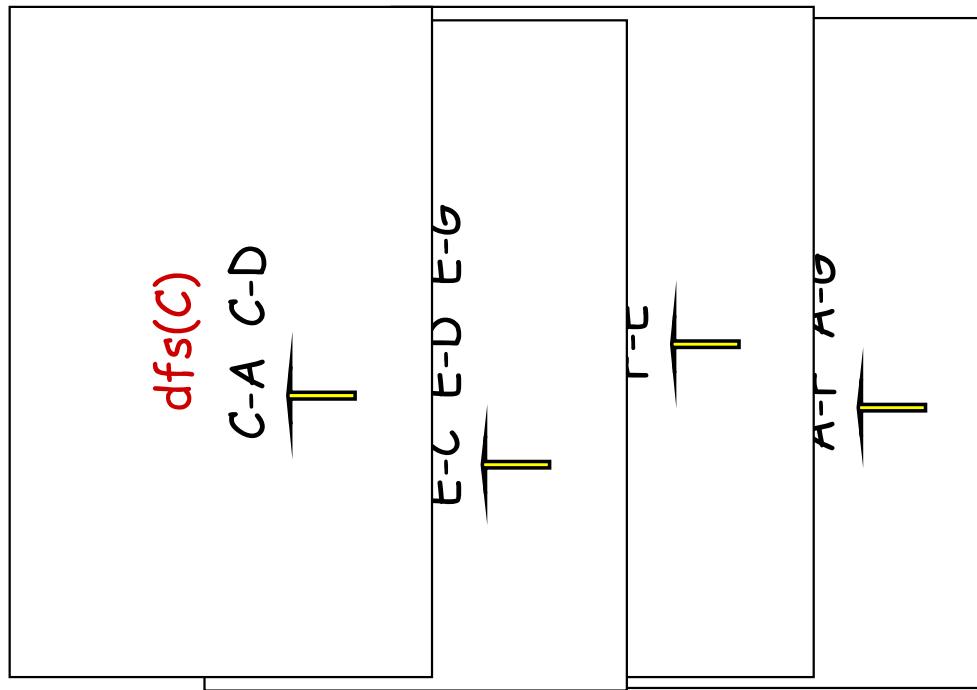


Depth First Search

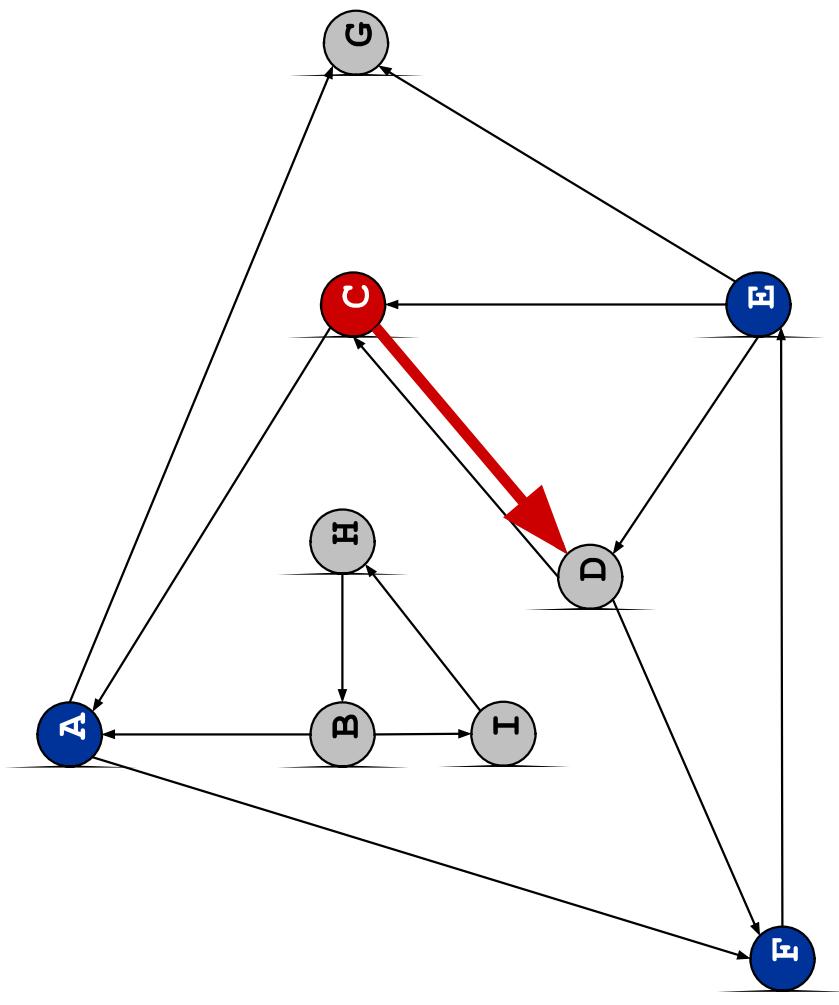


A F E C

Function call stack:

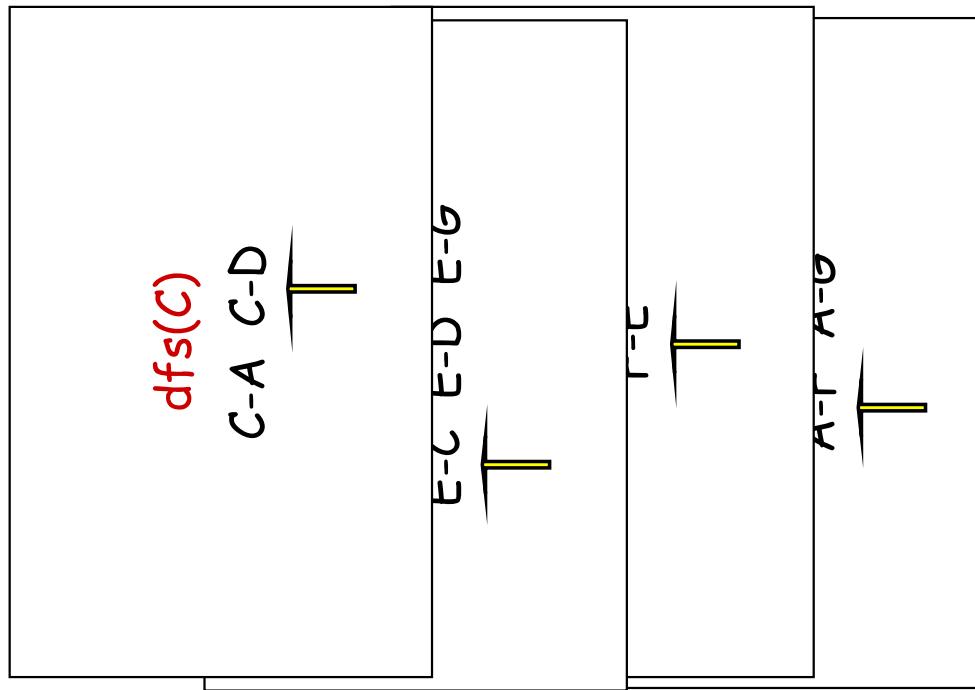


Depth First Search

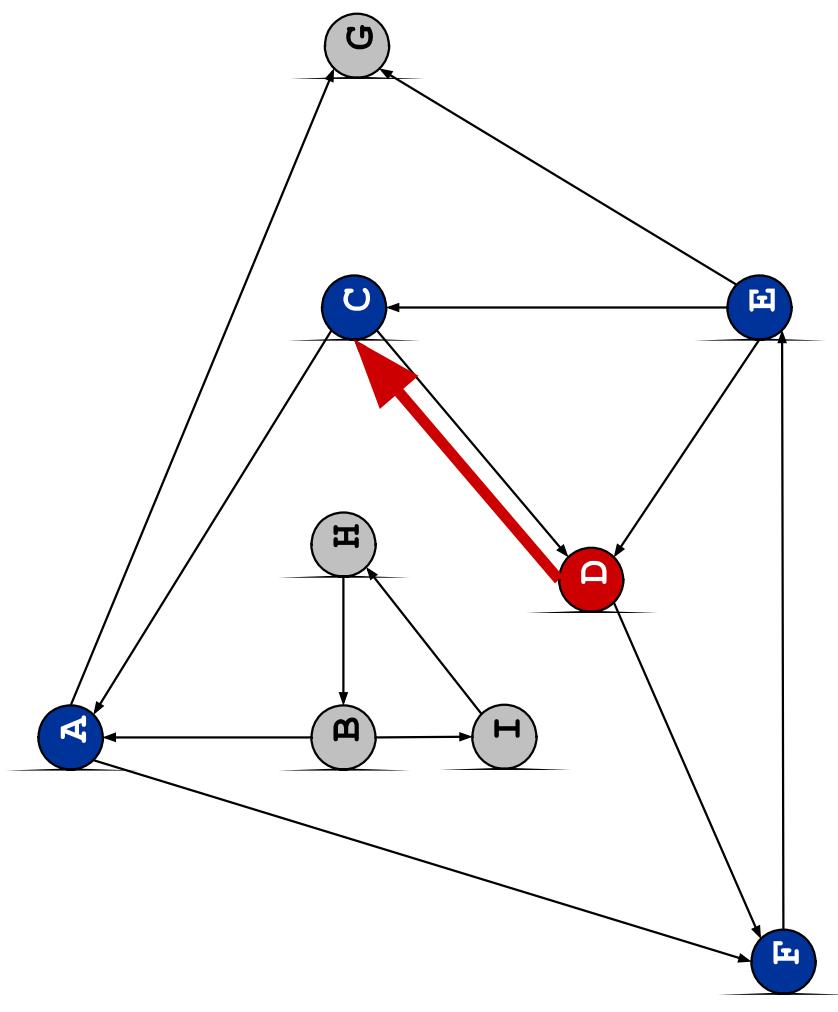


A F E C

Function call stack:

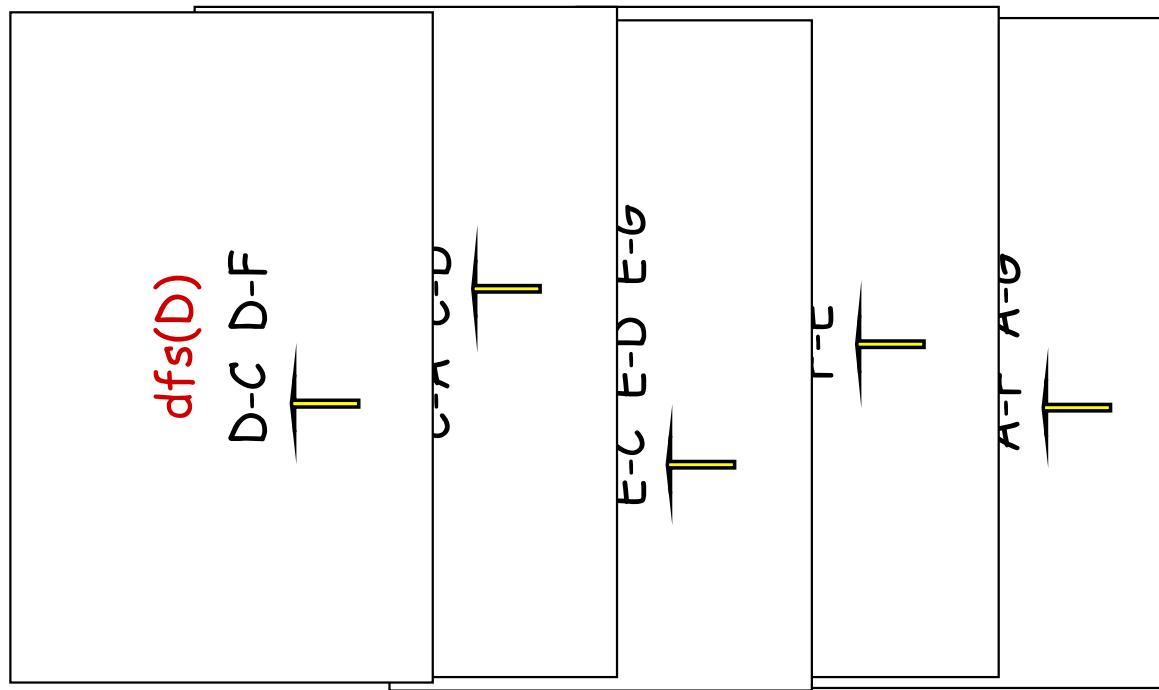


Depth First Search

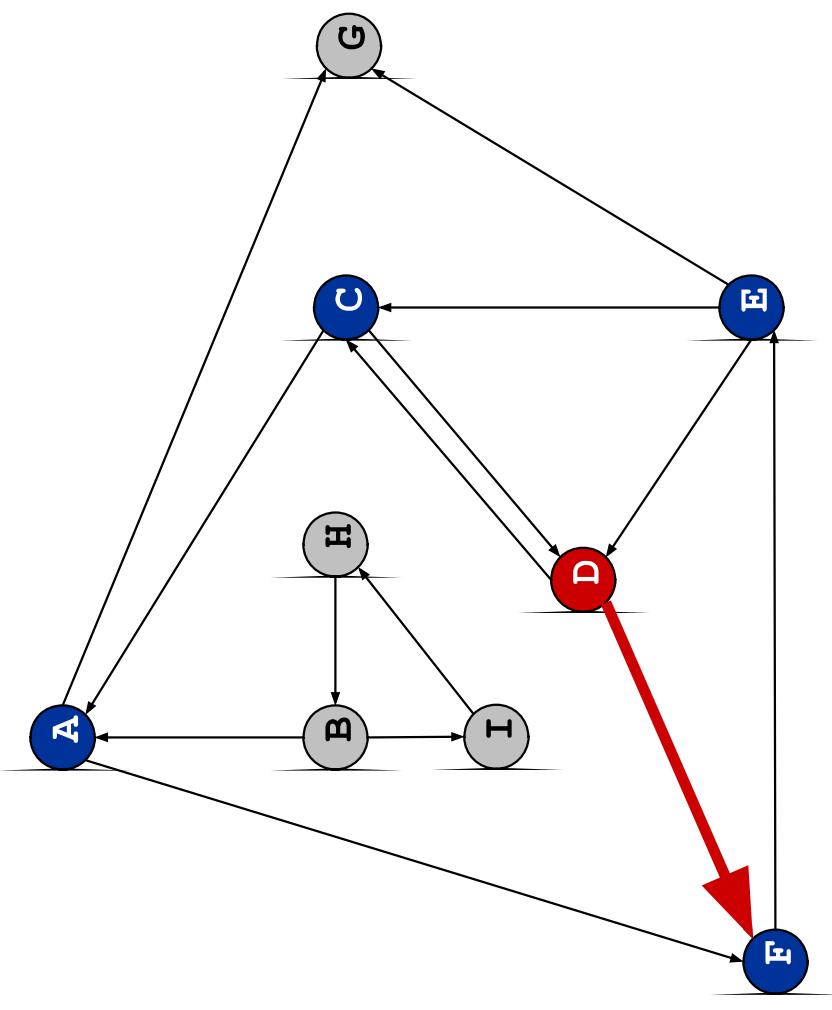


A F E C D

Function call stack:

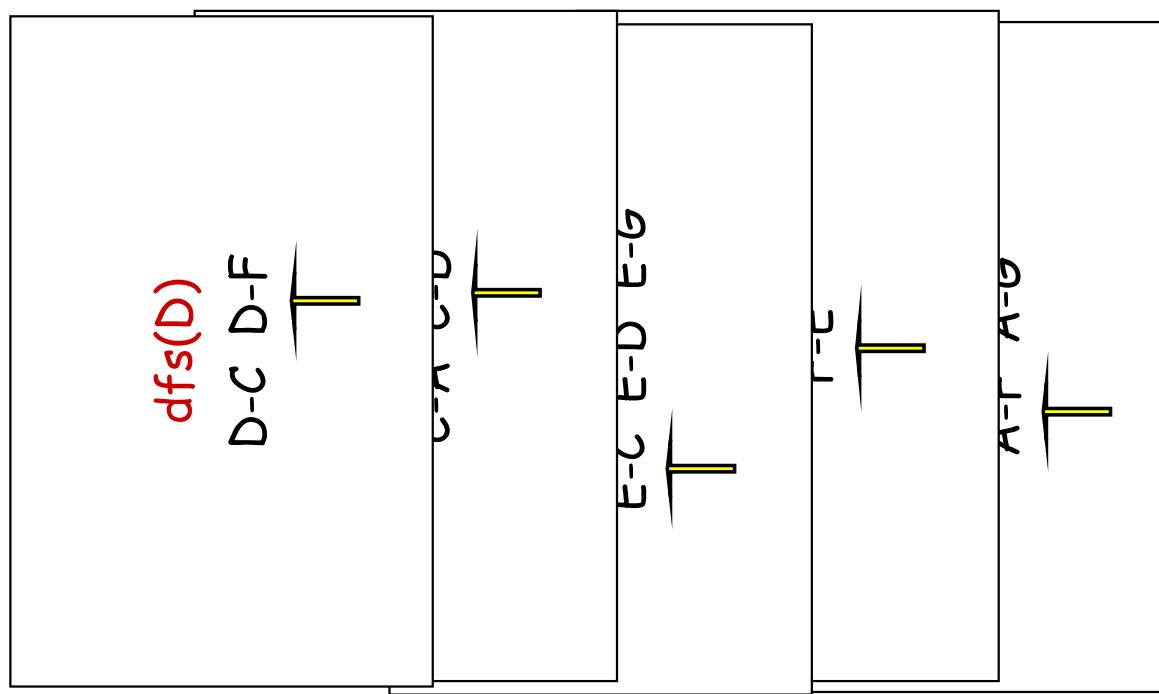


Depth First Search

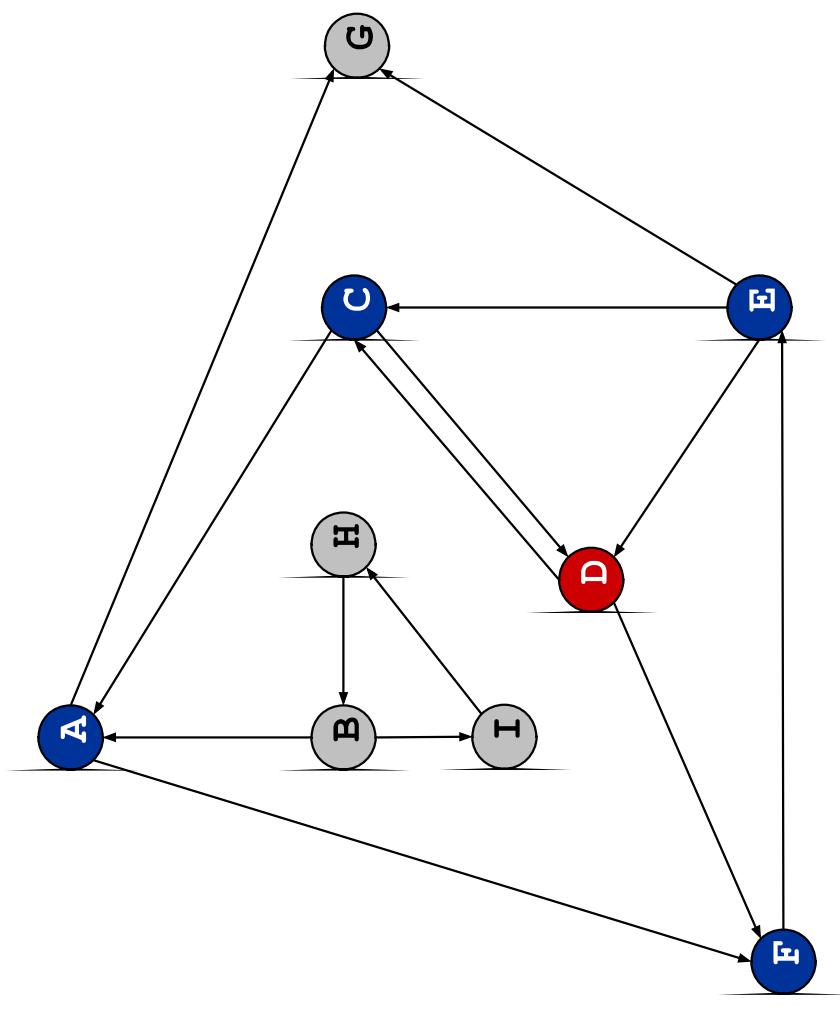


A F E C D

Function call stack:

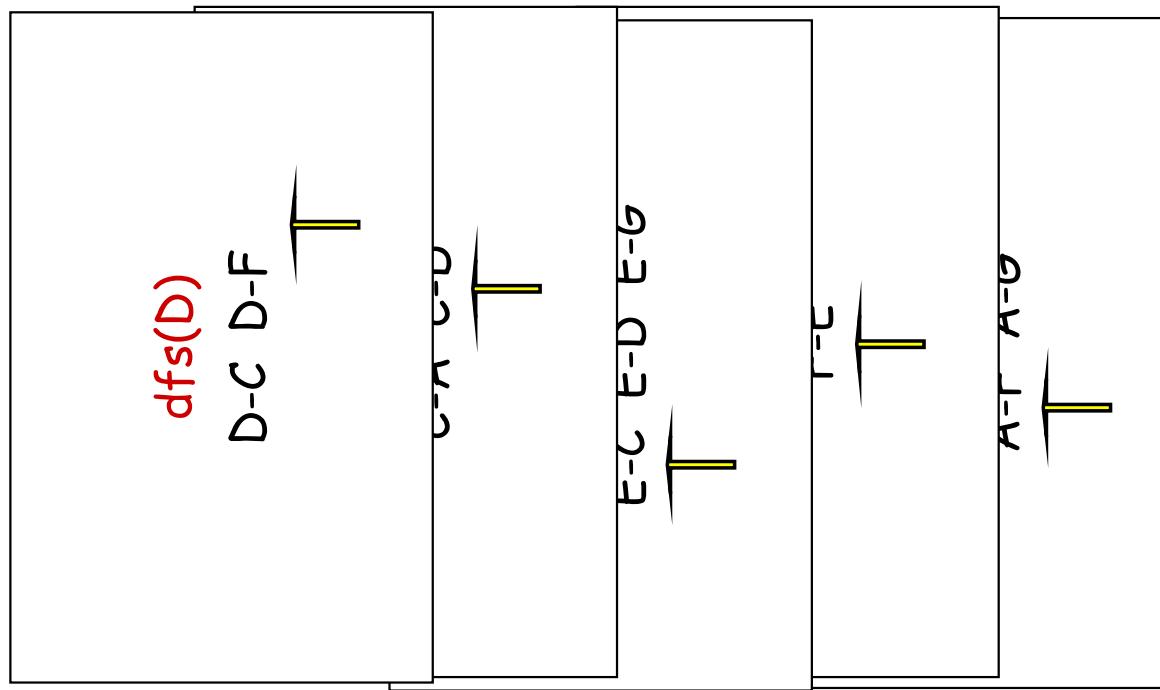


Depth First Search

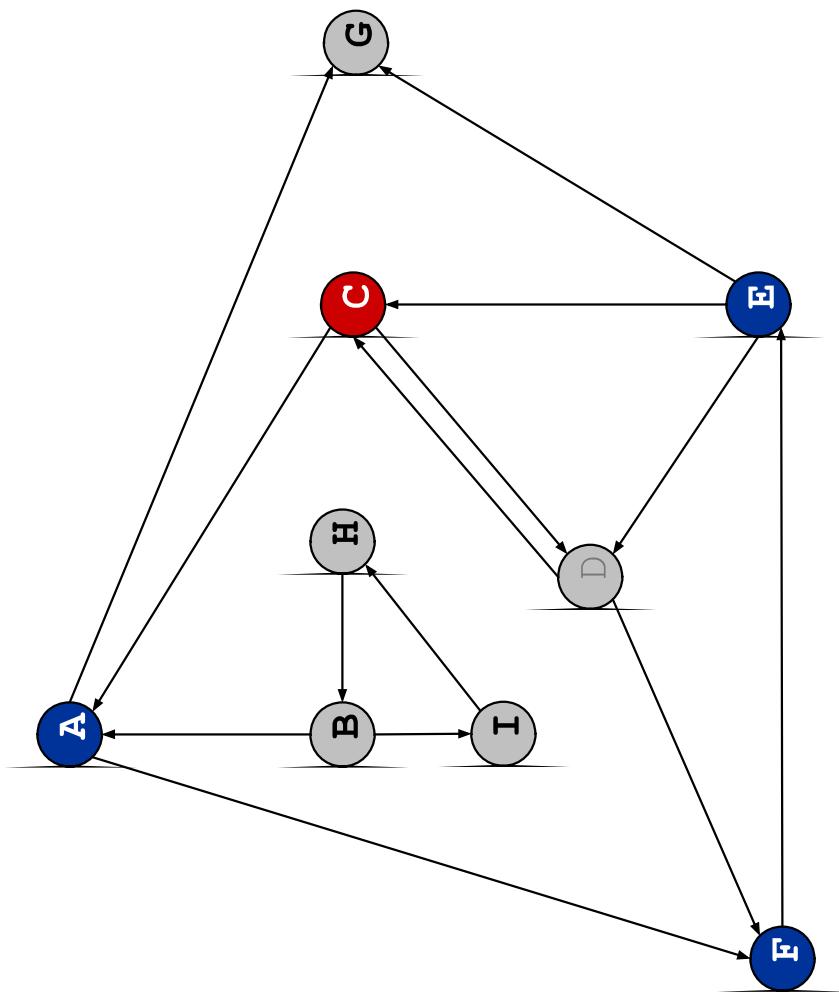


A F E C D

Function call stack:

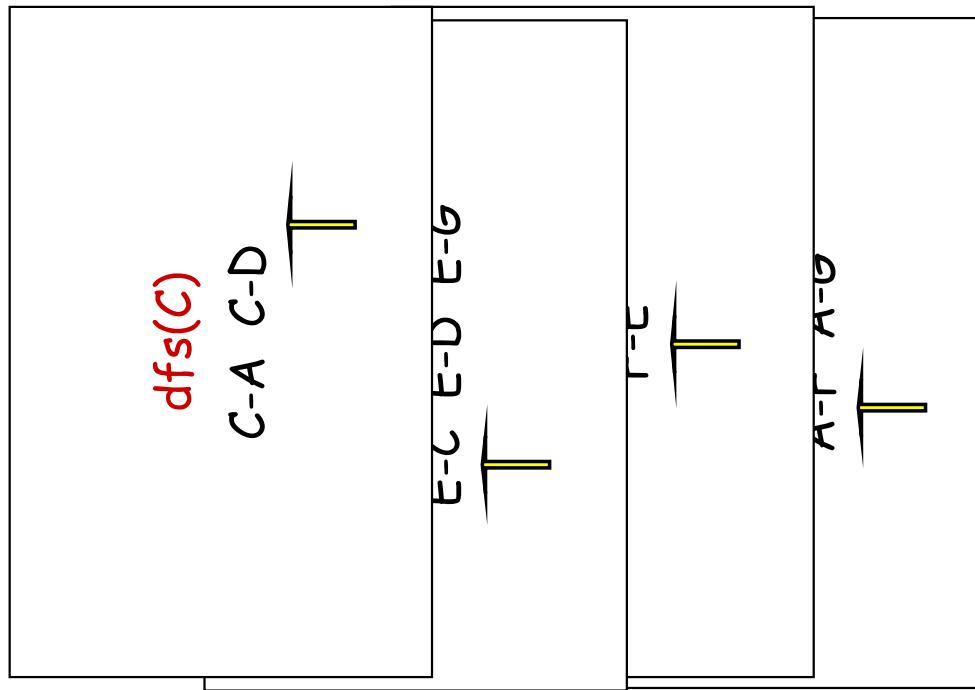


Depth First Search

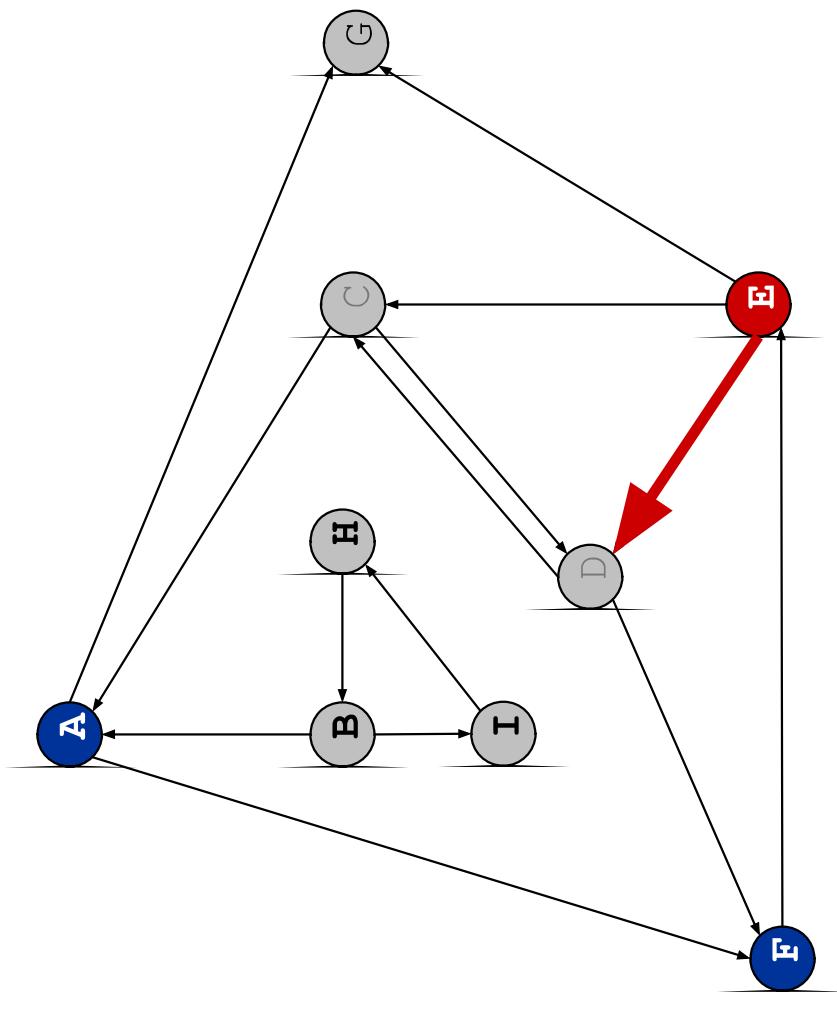


A F E C D

Function call stack:

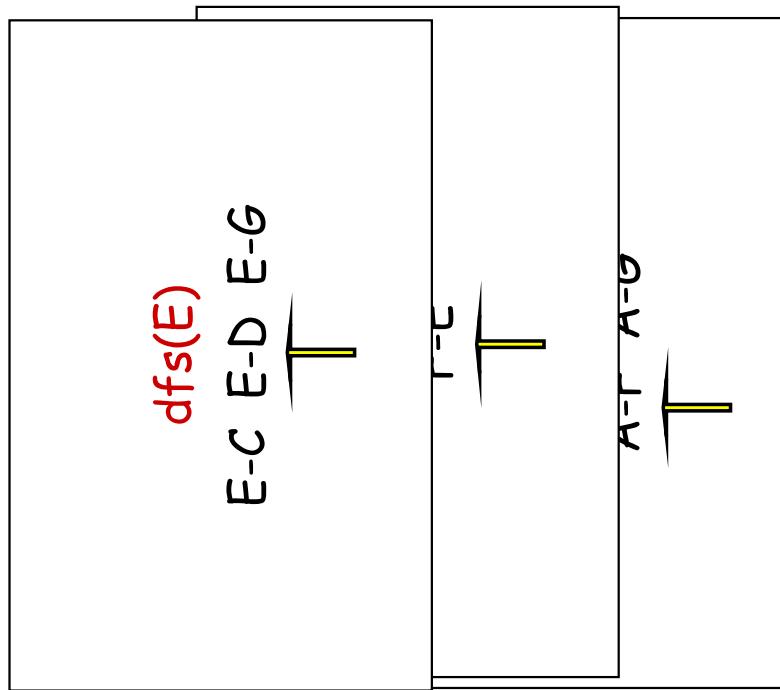


Depth First Search

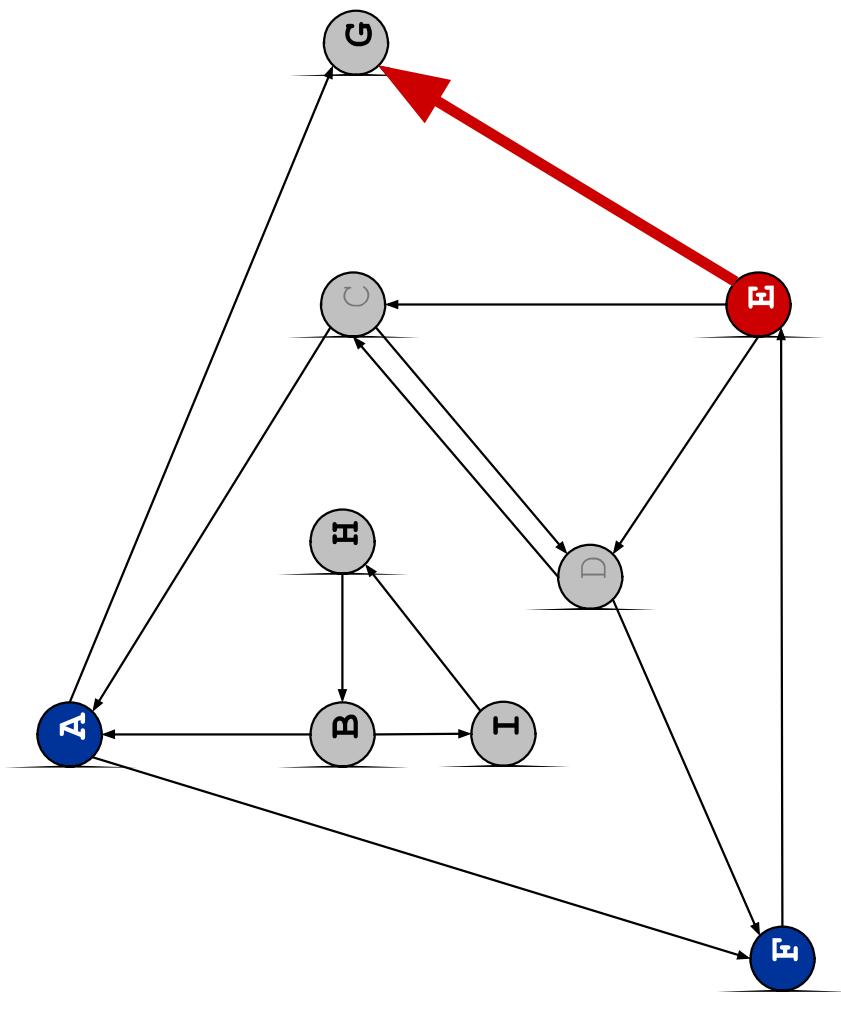


A F E C D

Function call stack:



Depth First Search



Function call stack:

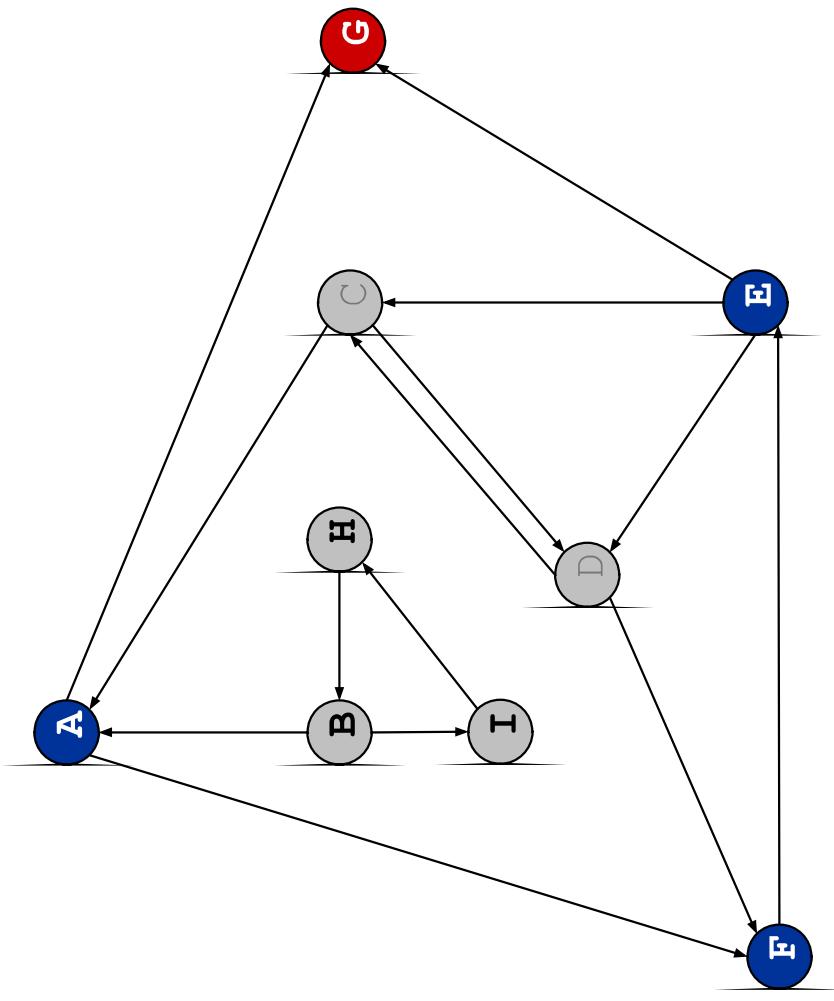
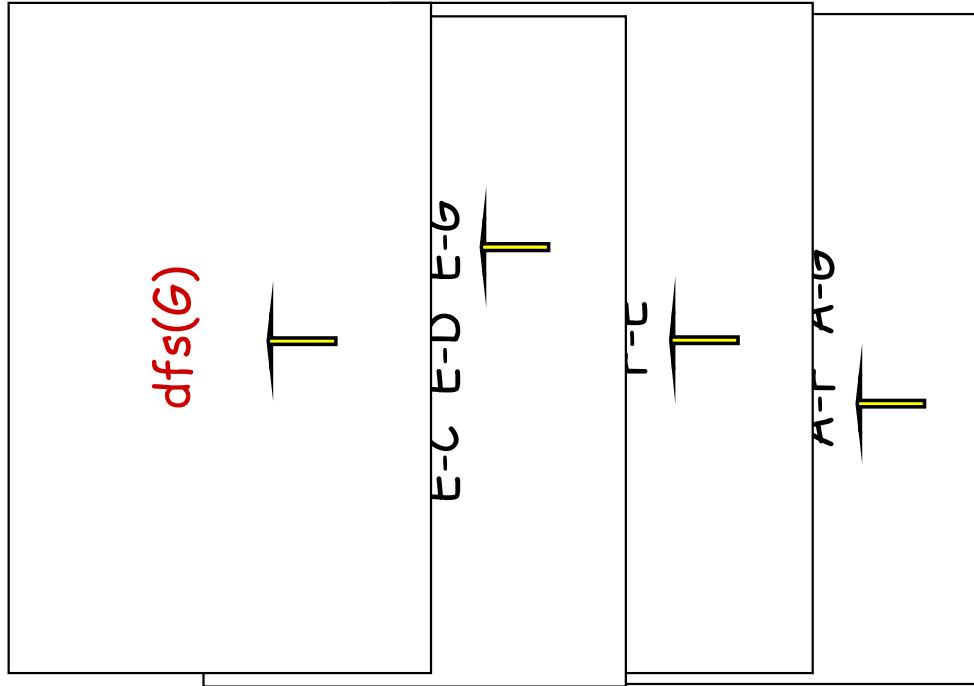
A F E C D

$\text{dfs}(E)$
E-C E-D E-G

A-T A-G

Depth First Search

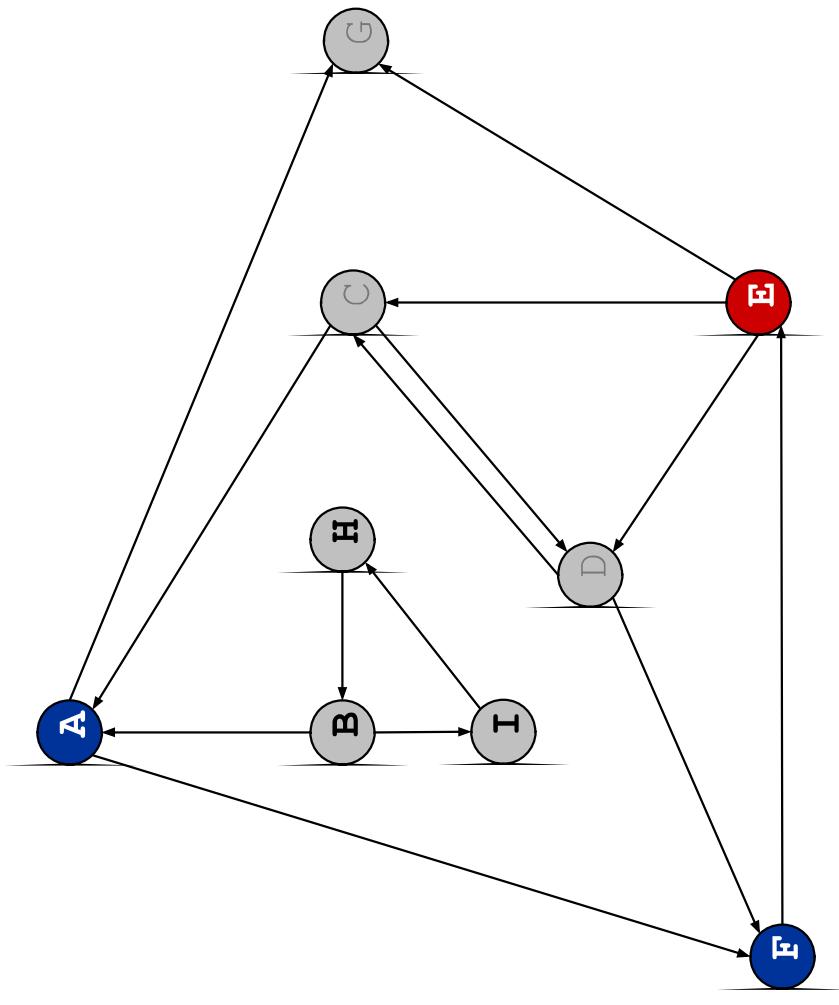
$dfs(G)$



Function call stack:

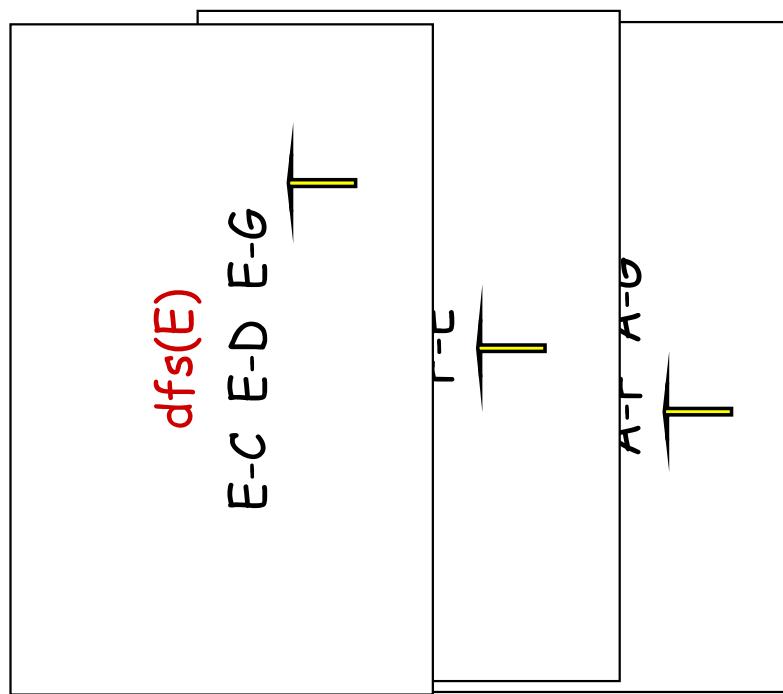
A F E C D G

Depth First Search

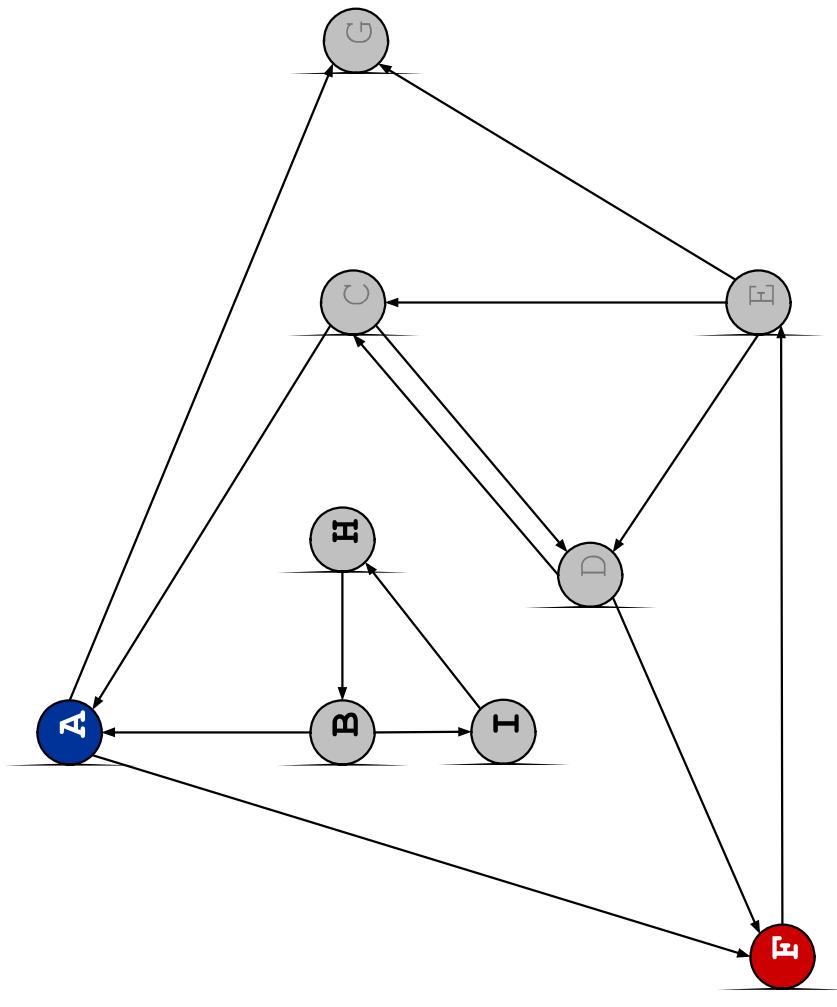


A F E C D G

Function call stack:



Depth First Search



Function call stack:

A F E C D G

dfs(F)

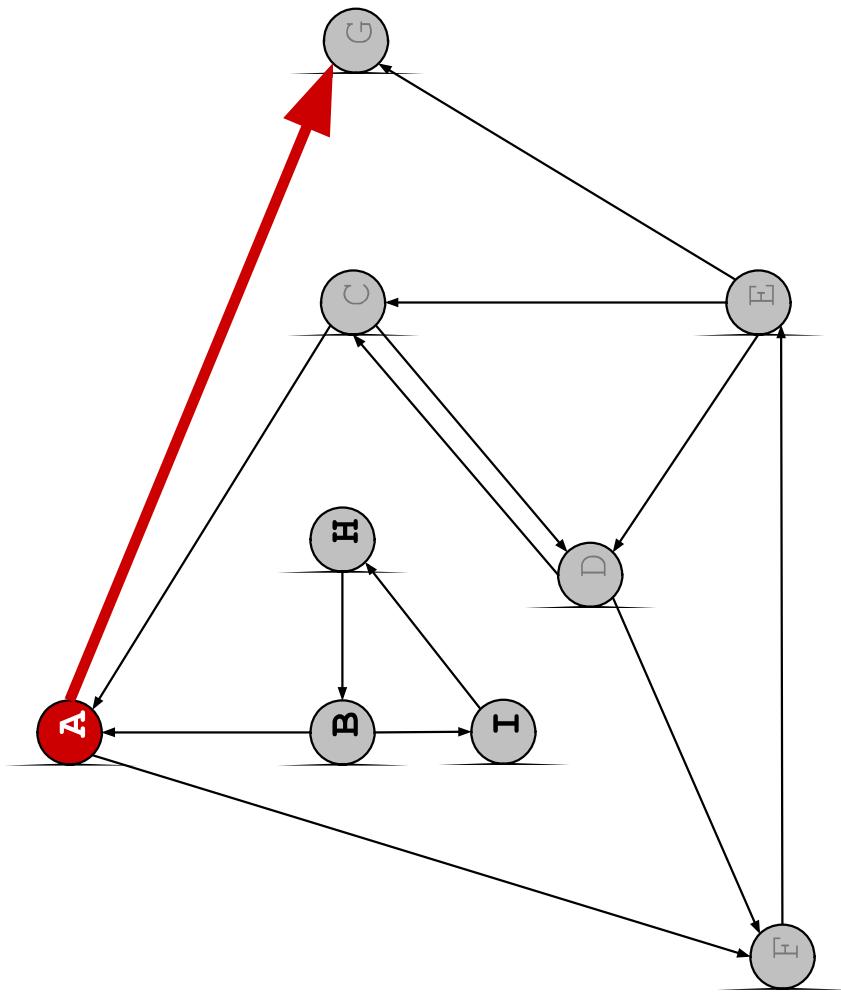
F-E

T

A-T A-G

T

Depth First Search

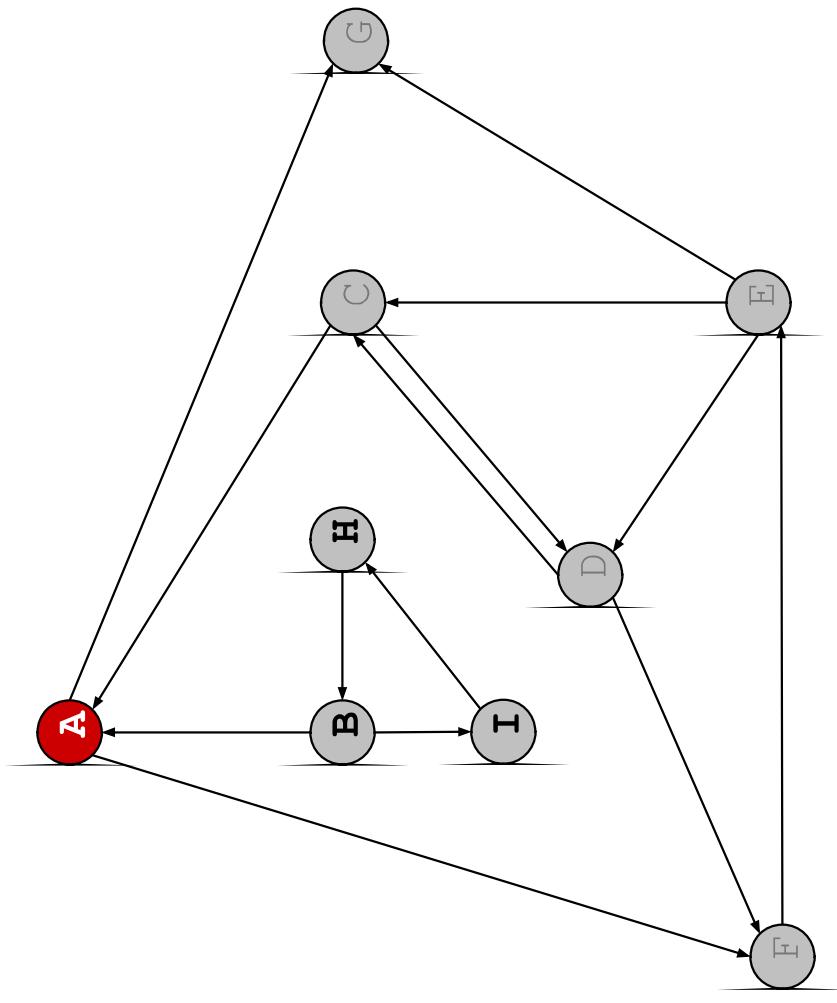


A F E C D G

Function call stack:

$\text{dfs}(A)$
A-F A-G
T

Depth First Search

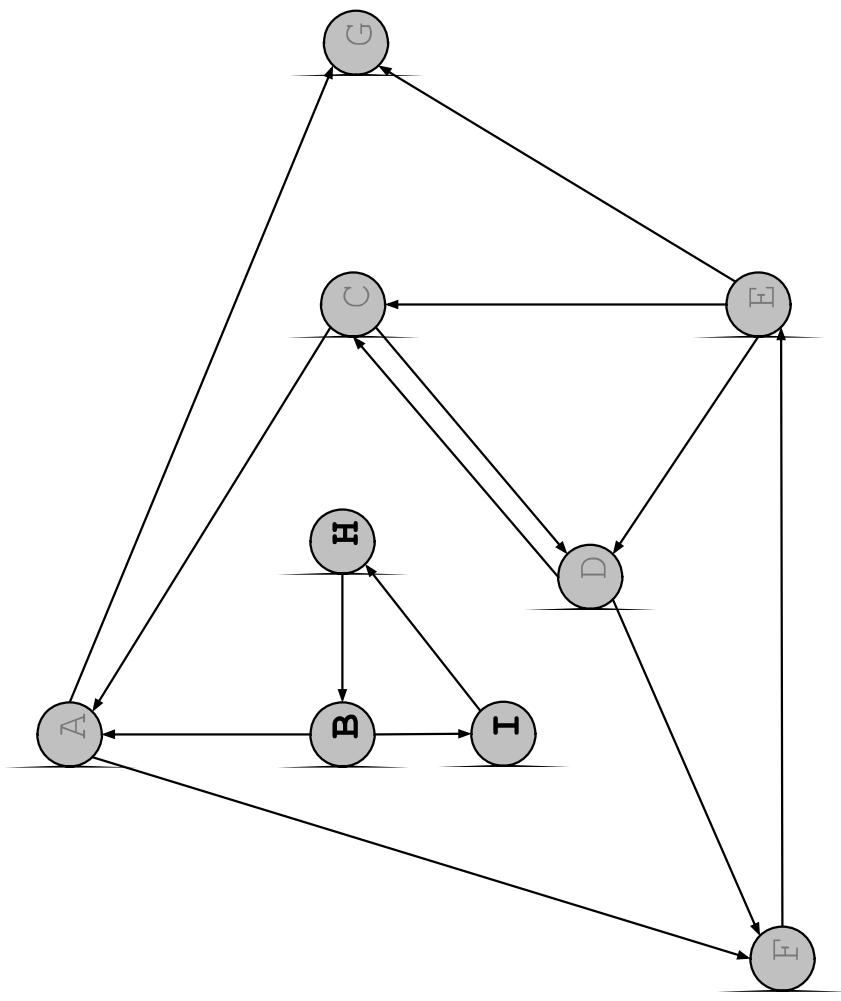


A F E C D G

Function call stack:

$\text{dfs}(A)$
A-F A-G
T

Depth First Search



DFS: A F E C D G