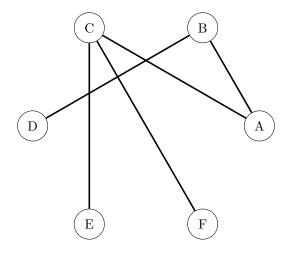
Log

Popping last node from stack

Graph



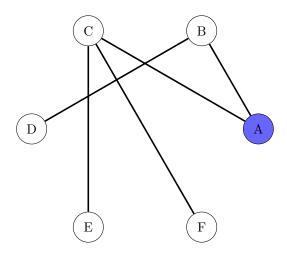
Stack

A

 \mathbf{Log}

Visiting node A.

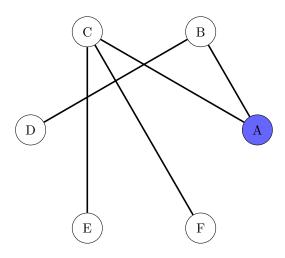
${\bf Graph}$



Log

Adding node A's neighbors to stack.

Graph



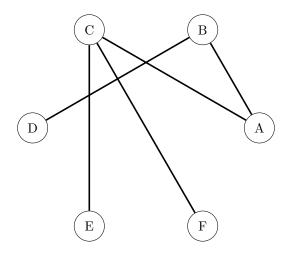
Stack

СВ

Log

Popping last node from stack

${\bf Graph}$



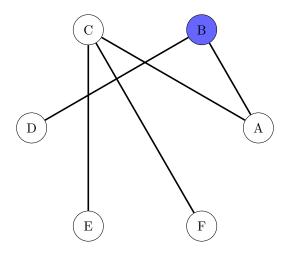
Stack

СВ

 \mathbf{Log}

Visiting node B.

${\bf Graph}$



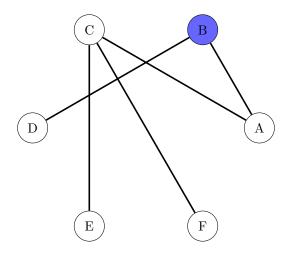
Stack

С

Log

Adding node B's neighbors to stack.

Graph



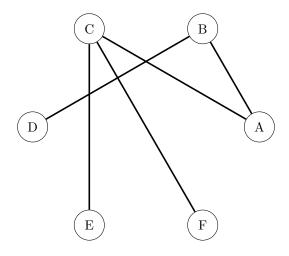
Stack

C D

Log

Popping last node from stack

Graph



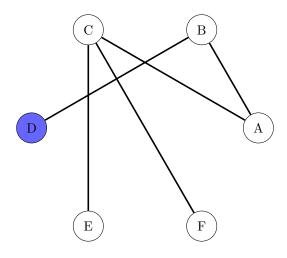
Stack

C D

 \mathbf{Log}

Visiting node D.

${\bf Graph}$



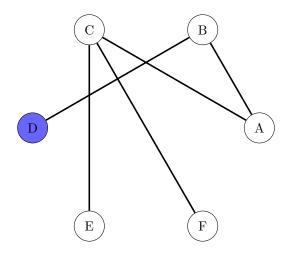
Stack

С

Log

Adding node D's neighbors to stack.

Graph



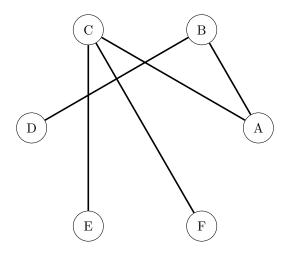
Stack

С

Log

Popping last node from stack

Graph



Stack

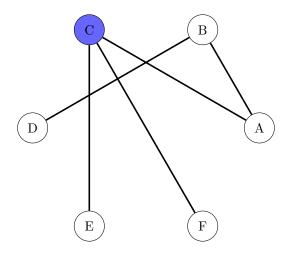
C

DFS

 \mathbf{Log}

Visiting node C.

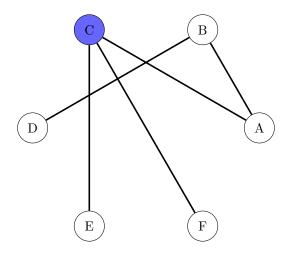
Graph



Log

Adding node C's neighbors to stack.

Graph



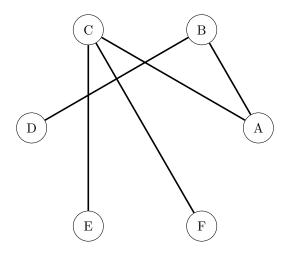
Stack

F E

Log

Popping last node from stack

Graph



Stack

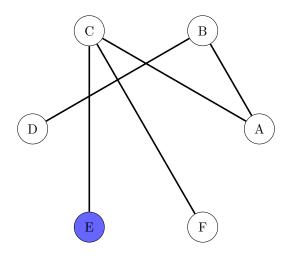
F E

\mathbf{DFS}

 \mathbf{Log}

Visiting node E.

Graph



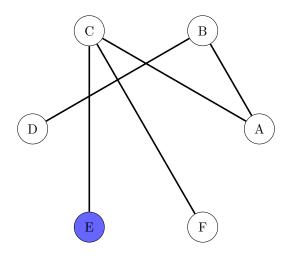
Stack

F

Log

Adding node E's neighbors to stack.

Graph



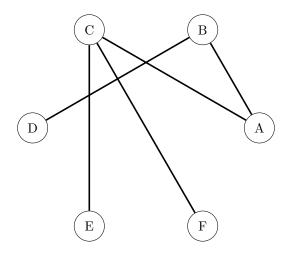
Stack

F

Log

Popping last node from stack

Graph



Stack

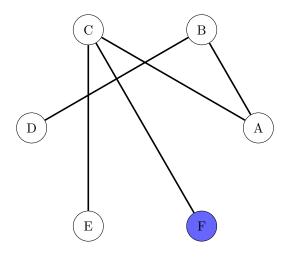
 \mathbf{F}

DFS

 \mathbf{Log}

Visiting node F.

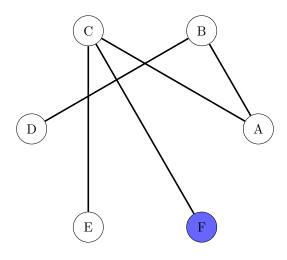
Graph



Log

Adding node F's neighbors to stack.

Graph



DFS

 \mathbf{Log}

End of DFS.

Graph

