Example Depth-First Search

Consider the following directed graph:

Perform a depth-first search on the given graph, starting at node A. If in a step multiple nodes can be chosen, select the node that comes first in alphabetical order. Use the table below to show how the respective stack develops step by step.
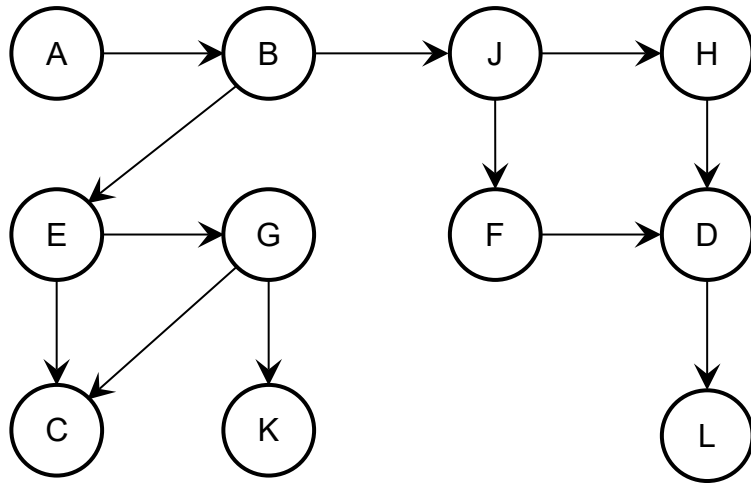
step	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
stack operation																							