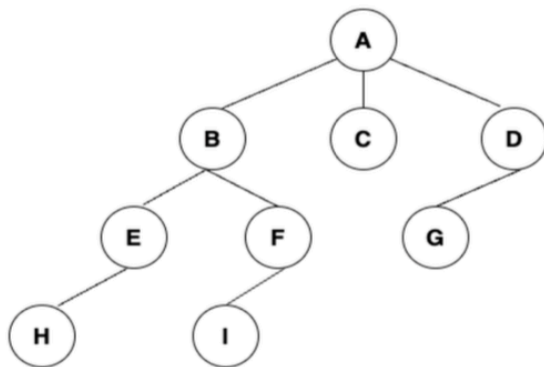

CS526 Data Structure and Algorithm Homework 04

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1

consider the tree



What is the sequence of nodes (characters) generated by preorder tree traversal

ABEHFICDG

What is the sequence of nodes (characters) generated by breadth-first tree traversal

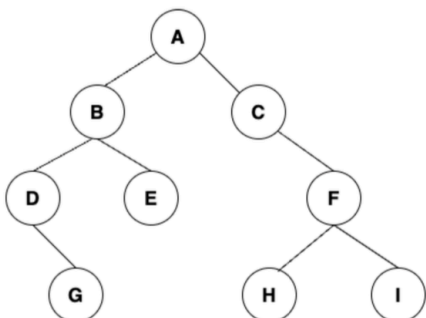
ABCDEFGHI

What is the sequence of nodes (characters) generated by post-tree traversal

HEIFBCGDA

2

Consider the binary tree.



What is the sequence of nodes (characters) generated by in-order tree traversal?

DGBEACHFI