

In order:

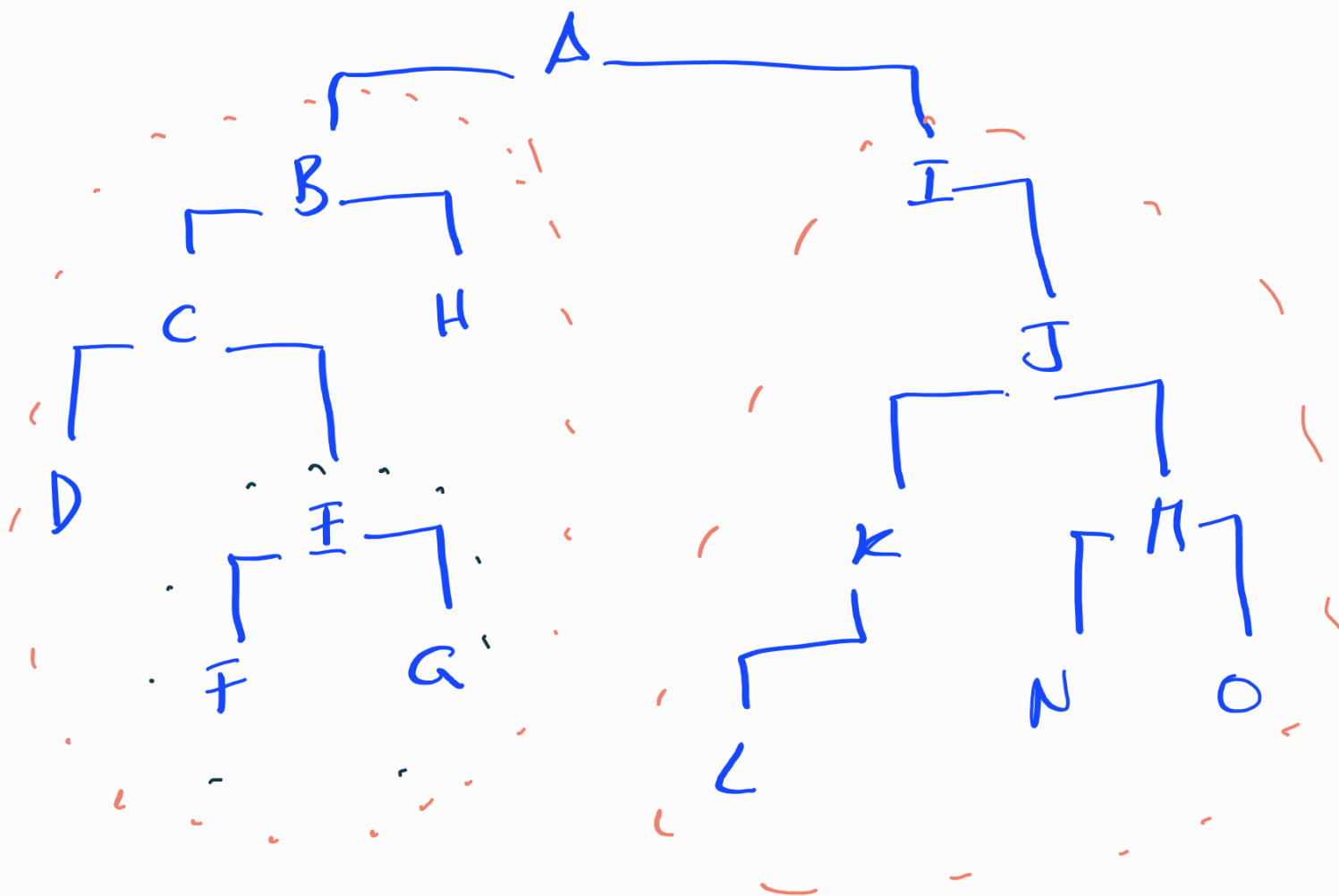
1. left
2. root
3. right

post order:

1. left
2. right
3. root

C B D A F E H G I → pre-order

C D B F H I G E A → post-order



D C F E G B H A I L K J N M O

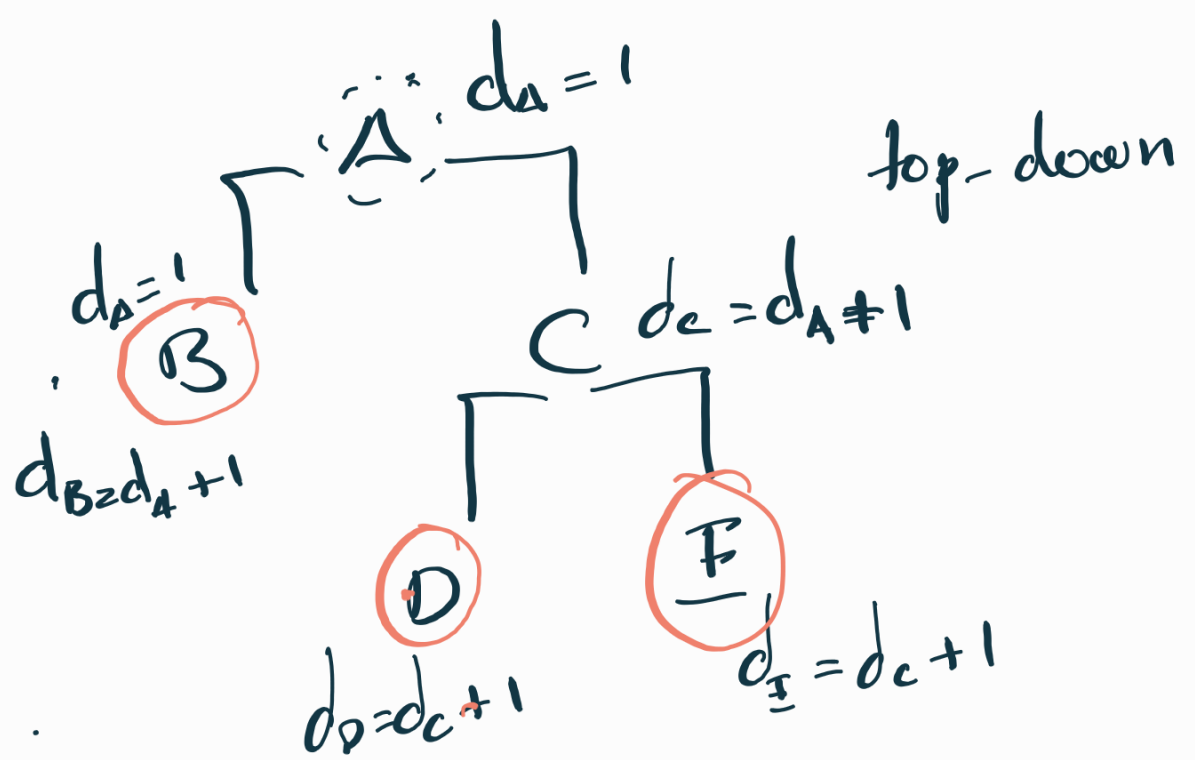
in-order

A B C D E F G H I J K L M N O

pre-order

D F G E C H B L K N O M J I A

post-order



A: ans = 0

B: ans = max(d_B, ans) = d_B

D: ans = max(d_D, ans) = d_D

E: ans = max(d_E, ans) = d_D