

Hunter CS Day 16

"Reverse Arboreal Engineering"

PRE ORDER BTree

EGDKINLOW

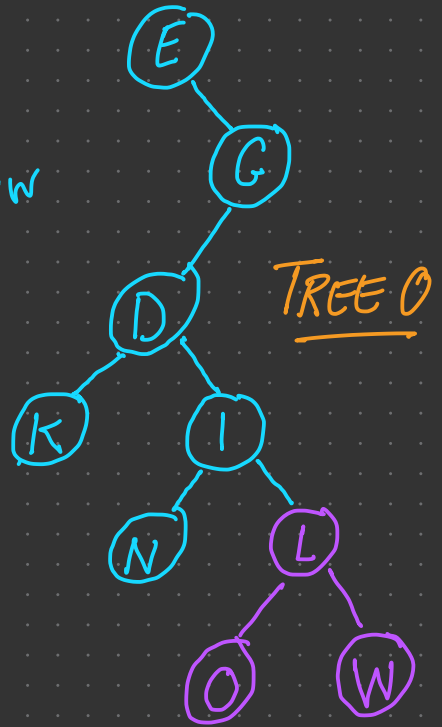
.....

Each letter
prints BEFORE
everything BELOW

IN ORDER

EKDNIOLOW

↑ ↑ ↑
Nothing left of E R+ Branch G has no R+ Branch
D



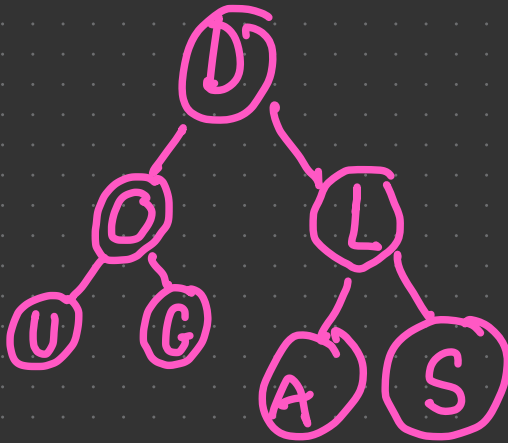
POST ORDER:

KNOWLEDGE

TREE 1

IN-ORDER: U O G D A L S

POST ORDER: U G O A S L D



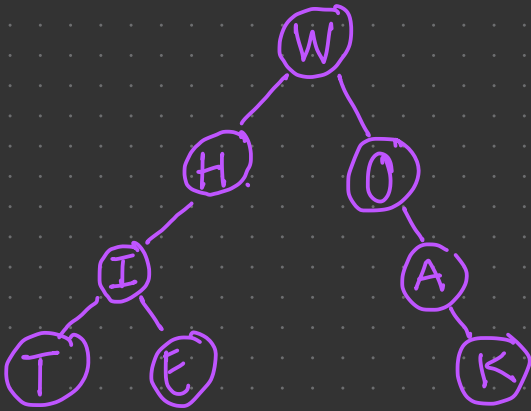
PRE ORDER

DOUGLAS

Tree 2

pre order: WHITE OAK ✓

post order: TEIHK AOW ✓

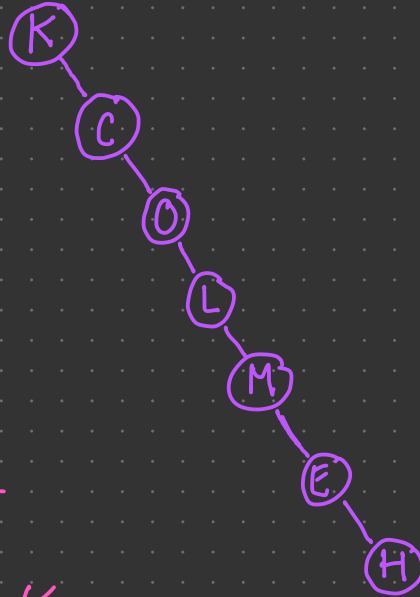


in-order : TIE HW OAK

Tree 3

pre-order: KCOLMEH

in-order: KCOLMEH



post order

HEMLOCK