Postorder Traversal - recursively traverses the subtrees vooted at the children of the most first Algorithm postorder (T,p): for each child c in T. children(p) postorder (T, c) perform visit action for position p Running Time of Preorder Postorder both pre and postorder are efficient ways to traverse - at each position p, the nonrecursive part of traversal requires O((p+1) time where Cp is the # of children of p > the overall running time of either traversal is O(n) Breadth-First Traversal (BFS) a way of traversing a tree so that we visit all positions at depth of before we visit the positions at d+1 Algorithm breadth-first(T): instiallize queue to contain T. voot() while a not empty p = Q. dequevel) perform visit for p A. engueue(c) Inorder Traversal (DFS variant) - visit a position between necursive towersals of left & right subtrees -> Informally can be seen as visiting nodes of T from left -> right Algorithm inorder (p): if p has a left child then inorder (left child) perform ulsit action for p if p has a right child then inorder (right child)

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