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| Binary Tree 1-Time Complexity == height of tree O(log n) if balanced  Does not matter if it’s BST or BT, log n is influenced only by being balanced. | Array  1- Left O(n) + Right O(n) like Stock max | Hashtable  1-Complexity of sorting depends only on the keys, say m. Then some program’s ☺ complexity is O(n + m log m) |

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| General  1-Confirm if I have to return only one output or all outputs. Eg 2-sum problem | Matrix DP  If a matrix problem uses aftab-recursion and it's complexity is exponential, say 2^(m\*n), it can be made  O(m\*n) time and space, by using dptable. |  |