Recursion Concepts & Ans... Motivation (MINION)



The EXPERT in anything today was

once a

BEGINNER).

video

codestory with MIK

Facebook] > code storywith MIK

(Twitter) + CS with MIK



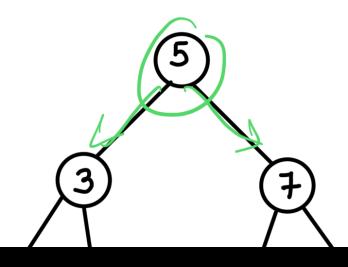


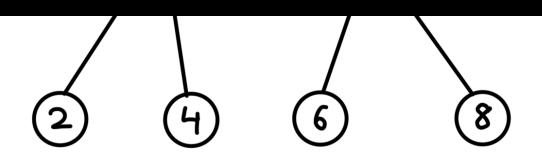
Flatten BST to sorted list

Medium Accuracy: 69.03% Submissions: 13K+ Points: 4

You are given a **Binary Search Tree** (**BST**) with **n** nodes, each node has a distinct value assigned to it. The goal is to flatten the tree such that, the **left child** of each element points to nothing (**NULL**), and the **right child** points to the next element in the sorted list of elements of the **BST** (look at the examples for clarity). You must accomplish this without using any extra storage, except for recursive calls, which are allowed.

Note: If your **BST** does have a **left child**, then the system will print a -1 and will skip it, resulting in an **incorrect solution**.





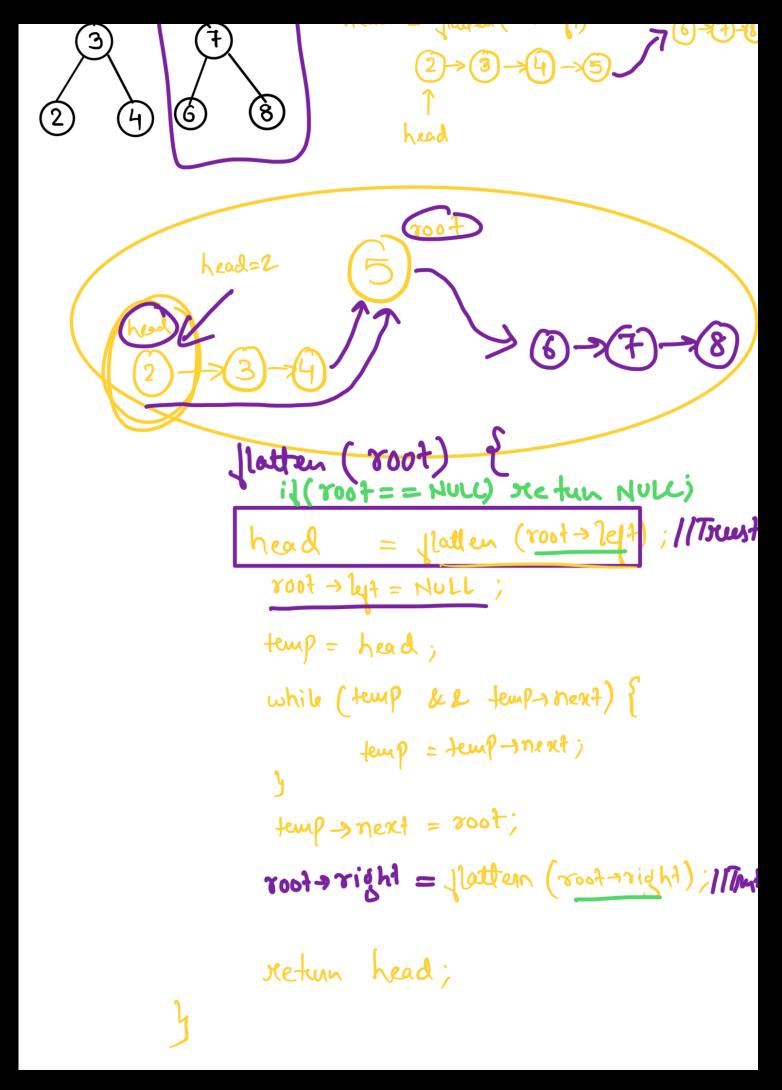
* Category *Flattening

Joy visualising Best "TRUST in Recursion"

T007

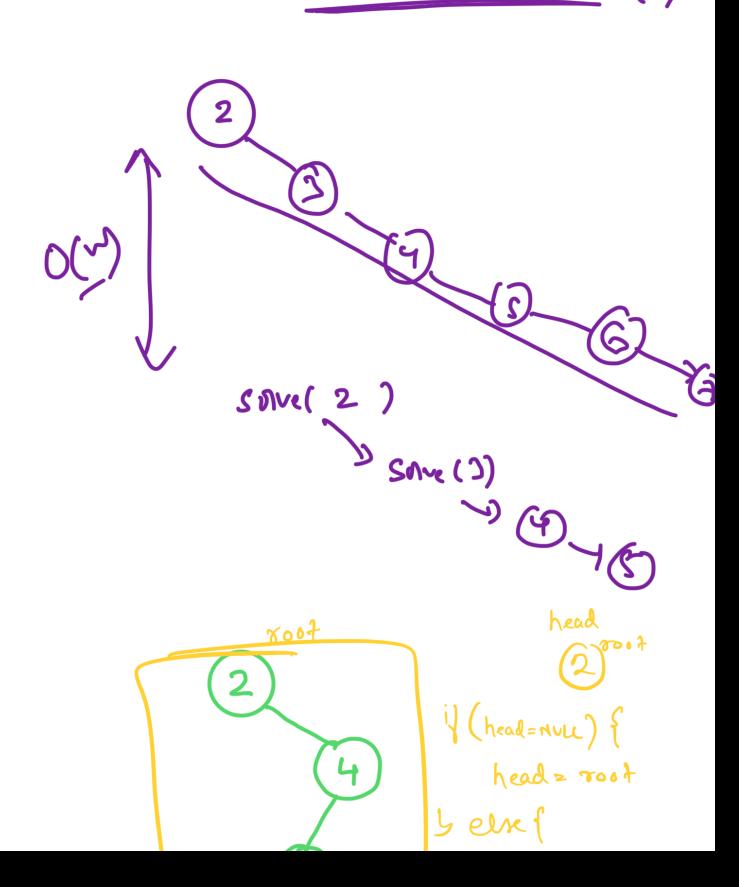


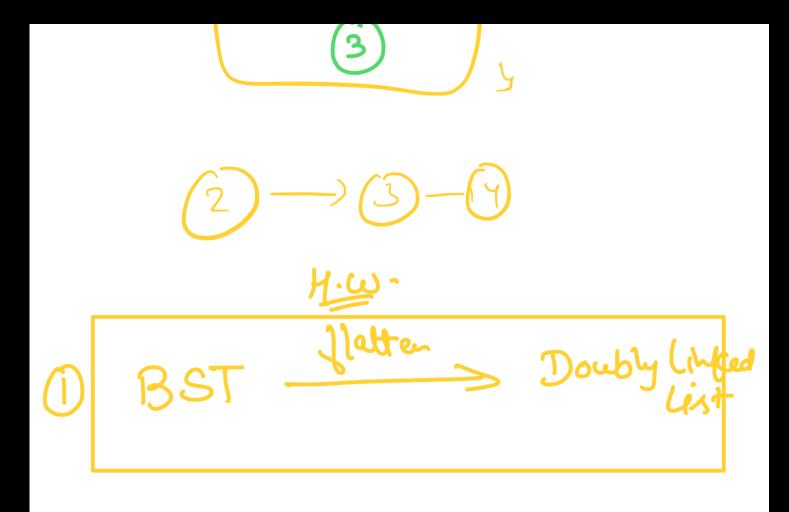
head



T.
$$C = O(n)$$

S. $c = Auxil \rightarrow O(1)$
Recon. Stack Space $\rightarrow O(n)$





2) 0-0 0-0 0 Jlatten

Sorted linked

List

Nested list -> Partial.