

Assignment

Question-1

Write a program to construct BST from given postorder and inorder sequence. Complexity should be in order of $O(n)$.

Question-2

Given an array of size n , the task is to find whether array can represent a BST with n levels. Since levels are n , we construct a tree in the following manner. Assuming a number X ,

- Number higher than X is on the right side.
- Number lower than X is on the left side.

Note: during the insertion, we never go beyond a number already visited.

Input : 500, 200, 90, 250, 100

Output : No

Input : 5123, 3300, 783, 1111, 890

Output : Yes