in the current of the current next of current of curren

reverse traversal & Finding the k-th largest key by binary search trees orderliness.

Time Complexity: O(n)

Pseudo rode:

function merge-hears (T1, T2):

if not To then return Tz

if not Tz then return Ti

if TI. value > Tz. value then swap (TI, Tz)

Ti. right = merge_henps (Ti. right, Tz)
swap (Ti. right, Ti. left)

Time Complexity = O(k1+k2)

return Ti

T= meige-hears (Ti, Tz)

4. (a) for each node, we can choose whether to snap its left and right subtrees.

Therefore, it I has n nodes, the total number of binary trees is omorphic
to I is z". I two choice

(E) THERE'S AND I

Justice Technique - distance (TI, Tz):

If not TI and not Te then return 0

If not TI or not Te then return

If Tovalel = Tervalue then return floot ("inf") Trees one not isomorphic

dist 1 = isomorphic - distance (Ti. left, Tz. left) + isomorphic - distance (Ti. right, Toright)

dist z = isomorphic - distance (Ti. left, Tz. right) + isomorphic - distance (Ti. right Tz. left

return min (disti, distz) + (1 if dist (= dist z else 0)

time complexity = O(n)