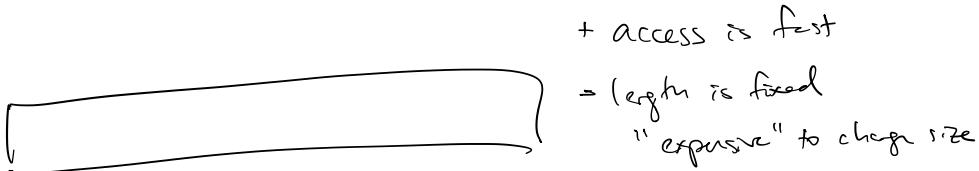


Lecture 20

Tuesday, November 1, 2022

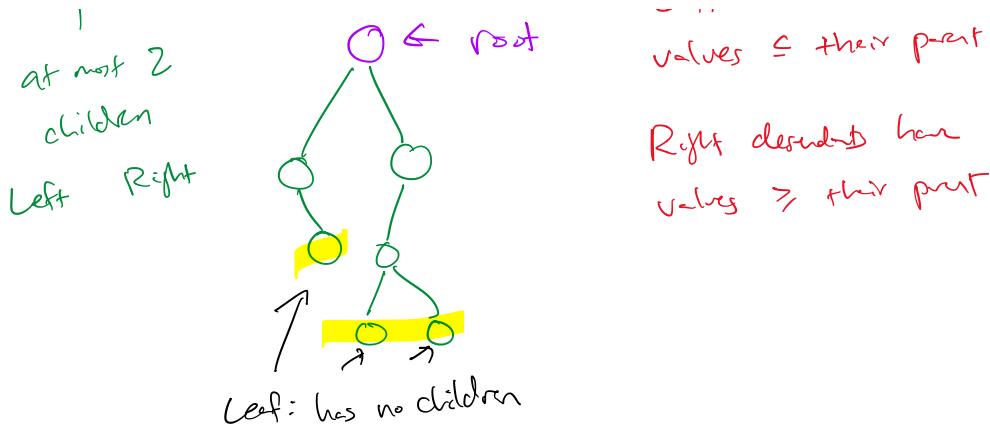
11:21 AM



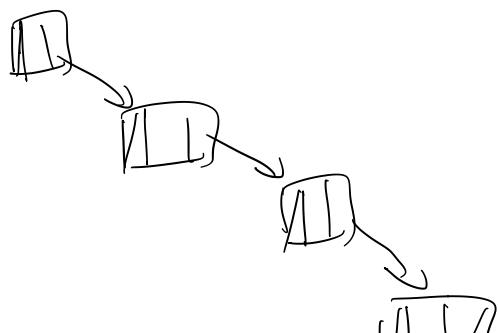
Goal: dynamic length
faster than linked-list access.

Binary Search Tree

Search: descendants
left children have



Linked lists are binary trees



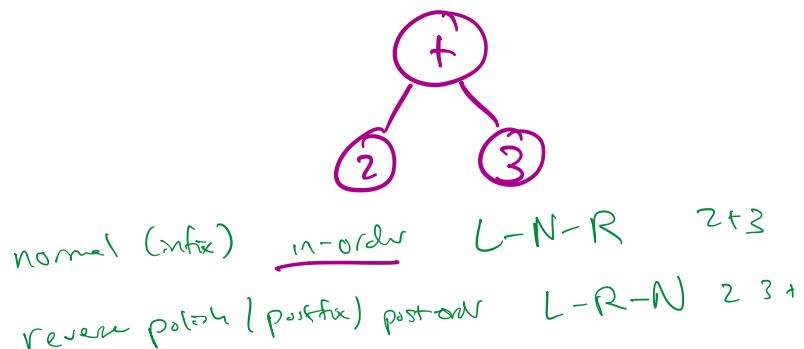
Sorted BST are linked $\frac{1}{\log N}$

For now: BST are faster on average

but not necessarily in worst case.

(then are balanced trees to improve this situation)

Tree Traversal



↑

