Announcements

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MP4 available, due 3/10/17, 11:59p. EC due 3/3/17, 11:59p.

SINCE WHEN Is this more attractive than this?

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End the impossible standards set by society. All Trees Are Perfect.

Complete Binary tree: for any level k in [0,h-1], level k has 2^k nodes, and on level h, all nodes are "pushed to the left."



http://xlinux.nist.gov/dads//HTML/completeBinaryTree.html

Check for understanding:

Is every full tree complete?

Is every complete tree full?

Rooted, directed, ordered, binary trees



Theorem: if there are n data items in a binary tree, then there are _____ null pointers.





Traversals: A few discussion points...



1. Where is the base case?

Traversals: A few discussion points...



2. Running time?

Traversals: A few discussion points...



3. Is this function public or private?