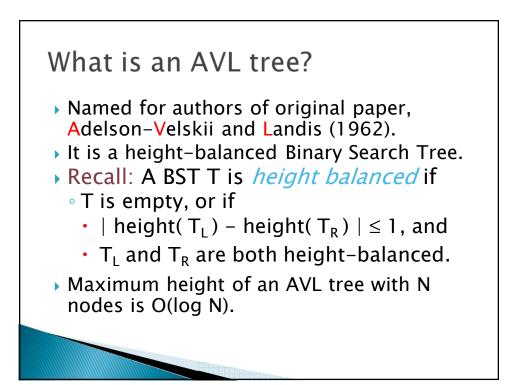
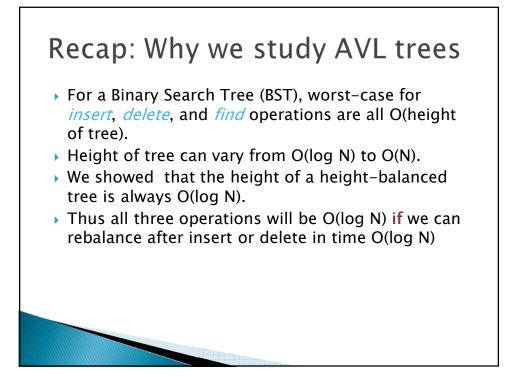
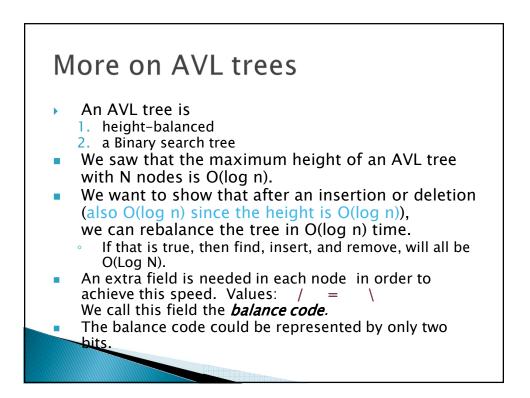


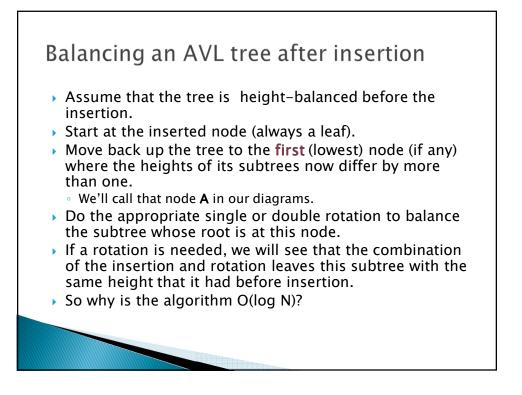


- We want to calculate the maximum height of a height-balanced tree with N nodes.
- It's not the shortest possible tree, but how close is it?
- We first look at the dual concept: find the minimum number of nodes in a HB tree of height h.
- Make a table of heights and # of nodes.
- What can we say in general about height as a function of number of nodes?









Which kind of rotation to do? Depends on the first two links in the path from the node with the imbalance (A) down to the newly-inserted node.			
	First link (down from A)	Second link (down from A's child)	Rotation type (rotate "around A's position")
	Left	Left	Single right
	Left	Right	Double right
	Right	Right	Single left
	Right	Left	Double left

