AVL Tree













	1
InsertAVL (continued)	
TreeNode *InsertAVL(TreeNode *root, TreeNode *newnode, Boolean *taller)	DESIGN &
	ALALYSIS OF ALGORITHM
(continued) If Key goes	
in right sub-tree	
} else {	
root->right = InsertA V L(root->right, newnode, taller); if (*taller) /* Right subtree is taller */	
switch(root->bf) {	
case LH: root->hf = FH: /* Node now has halanced height */	
*taller = FALSE; break;	
TH.	
case EH: root->hf = RH: hreak: /* Node is right high */	
rot > or = ren, oreak, / rota is ight light.	
case RH: /* Node was right high. */	
root = RightBalance(root, taller); break;	
}	
return root;	
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