Dete 14 10 20

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>> Insertion : [AVI TREES]

incest (node, Rey)

if Inode return newNode(Key)

if key < node => Key

node->left=injest (node »left,

if Key >= node=> key

node => right = invert (node => right,

requir node

node -> height = 1 + max (height (node e) left), height (node e) right)

Balance (Node) int bal = getBalance (Node)
if bal > 1 and Key < node => left return rotateRight (Node) if bal < = 1 and key>noole=>right return reftRozate(Node) if bal > 1 and Key>node=>left=>key
node=>left = xotateleft(node=> return rotateRight (Node) if bal < - I and key < node => right -> node-) right = rotate Right (node-) sight) return rotateleft (Node) return Node

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4	Deletion:
	Delete (x00+, Key)
	19 12001
	return root
	if Key < xoot => Key
	root => left = delete (root=>left,
	Key)
HS.	
	if Ken > 700t => Keu
	root->right = delete (root-)
	right, Key)
	else
	if 1x00x => left 1 x00t => right
7	2007 = (2007 > (cft) }
	300=1->(eft:
	root-)right
	1001 101914

else -temp=minval(voot-)vight) x00-1->15cy = -temp=> Key root -> right = delete (2001-) right, Temp => Key) if 100t return root x007 -> height = 1 + max (height (x00+>left), height (x00+ -> right)) return Bolance (root)