-	
	Pape No.
	Abrana Verma
	10 sand verma
	1BM18C8003 Allman
	Ch. I '
	Struct ' the life is hoom
	AVL Trees.
	Time
	Insection :
	Struct Made Hisas tolada ()
•	Struct Node #insertNode (struct 166
	*node, ent key)
	if (node = = NULL)
July 2. 60	Service C
Carry	Seturn (new Node (key));
212	0 (
	node = lal 1 = 2 node > key)
	node -2101+ = 3 001+11.11
	olce: F() inderivode (node = left, key)
	node-sleft = insertNode (node-left, key); else if (key > node => key)
	node = right = invest Made (2003 = 201)
	node > right = insert Mode (node = right, else
18/C-trans	VOAIL VOAIL
0 . 6(1)	return node;
Contract of the second	plate too day is
-	node > height = 1 + max [ height (node
1 (4	110de > height = 1 + max (height (node - sleft).
	() 2
	height (note right);
24	
- 11	

Date Page No. Int balance = getbalance (node);
If (balance SI eg trey < node > left > ker Eleven eightRotate (node); Elbalance 2-1 88 key Snode > rig return left Rotate (node); of (balance

	ants   To A	Date	
		Page No.	
(6)320			
	Deletion:		
,			
	Strict Node a deleteNoole (struct Node		
	×800+	, Sud key)	
	S	, 0,	
	if (root == NULL)		
	if ( key < root > key)  root > left = deleteNode ( root > left,		
	root - left = delete	Node (xoot = left.	
		(cey):	
	else if (key > xoot > key)		
<u> </u>	xoot = right = delete	e Norte ( short > Sight.	
		key);	
	else	0,0	
	٠, ١		
	if (croot > left == a)	ULL) / (xoot > )	
		right == NULL)	
	struct node *temp =	xoot-) left? xoot->	
	le	1+: 800+> state	
	if (temp = = NULL)		
	>		
	temp = = 800t; 3 800t = NULL;		
	3 800t = 0/11/1.		
	)	1.4-7	
		3976	

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	Part of Discourse	age No.		
	SW.	L. Sinda Carlo Million		
		2 LATIVAL		
	010	A.		
	else	· Later Box		
	*xoot = xtemp,	1 VAN		
	Free (temp);	E MAN		
		E. L. St.		
	else	Cydle - C		
	8	A . / I . Alada		
L	sobrut Adode +temp = min/atueNode			
	Soruet Mode Atom (800+ > sight);			
	800+ >koy = temp > key; 800+ > orgent = delete Nock (500+ > orgent,			
	800+ > Agent = dele	Le Noele (800+-) right		
		temp-skey);		
. 1	1 ( ng 4 & show	x + ) /- 1/ / / / / / / / / / / / / / / / / /		
· with	11-1-3 bare 1 11 a l'otto 2 mg = -10	al colum		
	Pf 1 root == NULL)	j tiels		
	Return yout; = history			
	11 Balancina the Free	# 2/9		
	800+ 3 height = 1+ mo	x (height (root) left		
	800t -> height = 1+ max (height (root) left, height (root);			
Hick	1 4/2 1 1 1 + 1 = 1. Lois	1 Sabbor		
T- 4	int balance = getBalance (8001);			
LI M	in a signal hardient			

