	IBM19CSAII
	18M19CS411
e -	void BTree Node :: insext non Full (int k)
	ρ
4[$(1-\alpha=2 \pm \alpha i)$
H	
1	if (leaf == +nee) 9 ;
Ħ	
1	while (i>=0 &d Keys[i] >K)
]	
	Keys [:+1] = Keys [:];
	1
4	Keags [= +1] = K;
4	N=N+1;
	V2-10 * 2 2 - 0 - 9 - 37
	else
320	& de 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
#	# to find child which is going so
:(==!	have a mew rode
	(10); < c
	while (:>=0 lt keys [i] >k)
	<u>a)</u>
	if (C[:+1] → n = = 2*4 -1)
H	Clear (e) - ~ [e]
2(2) 2	split Child (i+1, C(i+1));
	if (Keys [i+1] <k)< th=""></k)<>
]
- Control of the Cont	CC+1) -> Except mon Find (m):
e	GC+1) -> insert non Full (x);
	4
	. 200

	Date: Page:
	void BTree Node: split Child (int i, BTree Node y)
	1
_	BTreeNale + z = new BTreeNode (y -> +, y -> bol);
	$z \rightarrow v = x-1$
_	for (in ≠ i=0; i<4-1; i++)
_	z -> Keys[i] = y -> Keys[i++];
	$if (y \rightarrow leaf = = false)$
	$fox (int i=0; i<+; i++)$ $z \rightarrow C(i] = y \rightarrow C[i++];$
	$z \rightarrow C(i] = y \rightarrow C(i+t)$
Viz.	<u></u>
	·->->
	$y \rightarrow n = \frac{1}{2} - \frac{1}{2}$
	Keys [ê] = y→keys [4-1];
	カ= カナド,
	9
	•
til u	