	Ajay Mitter	Date
Expt. No.	1B17(11006 B-Tree	Page No.
Fryeni bion	('in+ 1c) L	
if (110		
	t= new Nodelt,	tove);
90	0+ -> keys (0] = k;	
	ootto = 1;	
3		
else & is	(500+5n == 2*	E-17 (
K	Dode * B = new N	ode (t, fave)
I	S-> ([0] = 800t;	
	s > split (0, root);	
	The state of the	
	int i= 5-> xey 16	J 5 K) 1 ; 0 ;
· ·	SylciJ -> inxestNo	n Foll (x);
	800+=7;	
else & re	oot & insert Non Full CK	
3		
void inserthor	FUll (int k)	
int i=n	-\`j	
if (read	t) 4	`
while (i >= 0 Ub kegs (i) >12) }		
	kess liti] = kess (
	147, 1	
3	1	
Keys Ci+12 = Ke;		
N =	n+i;	7
3 eset unite (17=0 V& Keys (1) >K) i;		
		gnature :

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Ajoy Mitter 18M18C500 6
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B-Tree
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Split (it), (citil);

if (kegscitt) < k) it;

(citil) is insextMonFoll (k);

3

3

3

3014 Split (ind) Modex 4) 1

void Split (int i, Nodexy) 1

Node * z = new Node (y > t, y > leaf);

z > n = t - 1;

for (int j = 0; ilt; i+t) Z > kees(i) = y > kees(i)

if (y > leaf \$ = = false) {

for (int) = 0. ilt; i+t)

z > ((x + y) = 0. ilt; i+t)

 $5 \Rightarrow n = t - (i)$ $608 \quad (in + j = n; i) = i + (j; i) - -1$ (Ci + i) = (Ci)

(Ci+1) = Z;

tos (m+)=ng-1;)>=i;j-)

(keys()+1)=(keys());

nenti