nieval Kraus 28/10/20 1BM18C5153 PAGE: DATE: (ab-6 nothan public void insert (int K) } if ()out == null) root = new Bisechode (+, true); goot keys[o] = K; 100t . N = 1; else } it (2*t-1== 300t.8) BTREENOJE NEWROOT - NEW BTVECANDE (HAW) new Root ((0) = root; new Root Sprit Child (a goot): int i=0; it (new Root Key S[o] CK) & 1++; new Root (C(i) insect Nonfullk) Soot = new Root elle ; (x) 110 Front tearnio Jook public void mest NonFull (int K) { int 1= n-1; it (leat) while (is = old keys(i) >K)

	DATE: PAGE:
1.	Keys [i+1] = Keys[i]
/-	1;
	Kex[i+1] = K;
	$\mathcal{L} = \mathcal{L} + \mathcal{I}$
	3
•	else ?
	while lis=0 && Keys (i] >K)
	· · · · · · · · · · · · · · · · · · ·
i deg	i+ (((i+1)) +i
	· Splitchild (i+1, c(i+2));
	it (Keys Ci+2] < K)
	1++;
	3
	C[i+1]. insent NonFull (K);
	3
	3
	Delete
	1
	Private boolean semove I node custent, T element)
	boolean it Removed = true;
	it (consent == no 11) &
16 m	it removed = talse:
	setuer talse;
	3
	C
	else &
	it (i consent. Set lett Element () ednar (element
	i + (wasent set Right Element == NULL ! ! .
	cuisent getriget () compto (element)
	cuised getringerement of Front - IS - BIGNER)

DATE: PAGE it (! cuspent . Betlight Element () . equals (element)) it Removed = remove (cuspent right child clemy) else & it (cussent isleat ()) { cultert Set Right Element (null) else ? T. replacement = (T) cassent get Right Node !! · reparemin(); cultert setriput Element (replacement) if (consent getriget Nodel) != NULL) { if(cusent . get Midwadel) is leaf O'll I custed gethough Loselis leaters (use - 3. gat Right Node . Re Balance !) 14 (carsent get mindrode () is left) IL I cusent. get rativode () isleat ()} T get a cerement = (T) coulent getrounde () sopriell + tem Right = (T) culent get Right Element () cassent set Right Element (replacement) add (tempRiors); else &

return