USN-IBMILCSOBS ADS - Lab-(5) - 2-3 Trees). Date - 3/11/10. class Two Then Fren & This then Node X root int t' Twa Pru Plee 1 2 root = Mu; 大コン word injust ( int 11)? if (! rocat ) soot -> heys [0] = K; good a mel; els y (2000t->n=2\*t-0{ Two The Node \* S = new Two The Node () S-> C[o] = sooti. s = split (0, sout); int i =0. is (S -> huys Cos (K) itt; S -> C(i) -> wind Node (N). root = 5 elest 2001 = insurande (N);

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Name - Ni mit Sajal. Usn-IBMIR GODS input Node ( int n) f int i = M-1; 4 () ( while (i>0 A & My Ci J 7 W.XE. 7 lugs [i+i] = hey [i] i--7 white (i>=0 &4 hup [i]>k) ( (1+1) -> M == Mxt -1) split (i+1, c(i+1]). if (huys [i+i] < n) C[i+i] - muto Noch ("") void split (int i Two Thurward xy) [ Theo Three Mode of z = new Two The Node (yf my) 2 -> M = X-1 for ( int j=0; j<t-1; j+1) 2 > lug [i]= y > kuy [j + t]; of (g > high = = folm) C for (in) =0 ; j < J; j < T ;) 2 => cls=y> cls+d);

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y -> M = x == 1; for ( int j= n; j = i+1; j --) c (iti) = c(j) C[i+1] =2) for (int j = n-1:j>= i) j--)

krys [j+1) = hrys [j]:

hrys [j] = y-> hrys [x-1]; M=MTI semon Cent xSI ij (!200t) cout a "True emply"; return ; soot → remover (as; 4 ( Root -) M == 0) 1. Turotha Node + temp = root; of (soot - leap) soot = NULL. ely root = root -> cloj delil tomp;

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void semon from loop (int idn) { forlint i side +1) i(m) if x) & my [i-i]: mys[i]; remove been non-leaf ( uit ode X int K= hyp [idn];
if (c [idn] -> n> = x){ ent fred = get ked (idn); buys tidn J = perd; c[idn] => renour (pred); elsy (ccida+J->n>=1). int Qua = getsore (idn); mys [idm] = mai; e [idn fi] -> remon (sun) es muge (idn) c (idn) -> reman (N) I retu

A FRID