RSAI DEOKSHITH 2-3 tree IBMISCS148 class Two Three Tree & Two Three Node & good, Two Theree Toree (75 void ment (int k) { 1 (1 noot) &

noot new Two Three Node ();

noot > keys[b] = k;

noot > n = 1; ohe i] (groot > n = 2 x t - 1) { Thoree Node & S = new Two Those Node (

STO = POJ = 9000t;

STO = Sprit (0,900t);

STO (8-) Reys [0] < R? itt;

Exolin (3-) Reys [0] < R? itt; godi] port = s;

else & sust = insentinte Node(k); Void insertinta Nole (int K) ? i} (leaf) § while (?>=0 22 Reys[i] > k) { keystit) = keysti]i keys [i+i]= k; volile (170 22 keys [i] 7 k) i) (cTi+i]->n == 2*t-1)
3 phit (i+1, c[i+i]) che i) (keys [in 1] < k) CP+17 -> inventinh Node (12);

(ind spirit (int i, ThroThorse Node " 4) } Tim Those Node " g = new Two Those Node (4-) lead) マーシャ = もーリラ 45 (int j=0 ; j < 6-1; j++) 2 -> kys [] = 4 -> kys [j+ +]; g(y-) buy == John) { for (int j=0; j =+ ij ++) マッンで了=リーンでできまり for (int j=n jj>=i+1; j--) c[;+1] = e[;]; ·[j+ [] = [[j]; for (int j = n-1; j>= i; j--) Keys [[+1] = keys [j]; My 117: 4 - Ky 14-17

Void remove (int 4) { (1000l) } coult < " Tree empry > grelwer; 1) (most) n == 0) { Two Three Node * trup = shoot, i) (noot -> leaf) Just=NULL; nort = not -> cto), Use de lete top; Void neurore From Leaf (intidu)?

For (int i=idn+1, izn; ++i)

Reys [i-1] = Reys [i]

N--; netrous;

Tood nemers terms Nontenf (and idn) & int to Ayaliday; ((C[idn] -> n > = 6) 5 ted pared = get pared (idm);

Reje Tidm) = pared; clida) -> nemore (pred); else j (cTidusi] on >= E) & int sure = got some (idu), Reys [idu] = Eur; ctiduti) -> nemore (em); renge TiduJ; cliduJ > nemore (k); autron;