Chardan A.M. 1BM18CS025 DAYS | PAGE! Insertion function B-tree: Bores :insert (int k) { if Coot == NULL) & noot = new B tree Node (* true); root -> keys so] = k; not > n = 1; else if (root > n == (2*t)-1) { B Tree Node x S = new B Tree Node (+ false); S -> CCOD = root; S -> split Child (0, root); int izo; for if (3 + keys EOJ Zk) i++; s + c EiJ - msert Man Full (k); Proof -> insert MorFull (K); Gold B. Tree Nodo: insort NonFile (int 12) & int 1=n-1; if (leaf = 2 true) & while (i >= 0 td keys (i) > k) { lays [i +1] = lays [i];

Chanden AM (810 16 16) 000 lays [i + i] = k) n=n+1; else ? while (i >0 St keys (1) > k) if (c[i+1]+n==(2*+)-1){ Split Child (i+1, C (i+1));
if (keys (i+1) < k) C(i+1) -) insort MonFull (K); BbrowNode = eplitchild (int i, BbrowNode =){

BbrowNode = 2 = new BbrowNode(y > t, y > 2 -> n = t -1; Good (for (int j=0; j<+1; j++) {
2 -> lays (j) = y -> lays (j++); if (y) leaf == false) {

for (int j=0;j<t;j++) Z→ CCjj=y→CGj+大了; y>n=+-1; for Cint (=n;)=1+i; ; f--)

C E J + () = C E J; Clif1] 22;

Charabin A.M 1BM1805025 for (int j=n-1;j>=i;j--)

keys [j] = feys [j];

keys [i] = y > keys [t-1];

n++;