Lale 6 16m/8cs077 Rahul Patil void Beree:insert(intk) { if (root == NULL) { root = new Node(t, true); root-> keys[0] = k, root -> n = 1; else? if (root->n == 2 *t-1) { Node *s = new Node(t, false); s -> C(0] = root, s-> splitChild(0, root); inti=0; if (s-keys[0] < k) i++; s-> Cli] -> inserthonfull(k); root = s; else root- inserthonfull(k); void Node: insert Non Full (int k) { inti=n-1; if (leaf == true) { while (i >= 0 ex keys[i] > k) { keysli+1] = keysli];

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keys[i+1]=k;
n=n+/
 else {
while (i >= 0 aa keys(i] > k) i-;
if (Cli+1]->n==2*t-1){
splitChild(i+1, C(i+1]);
if (keys[i+1] < k) i++;
C(i+1) -> inserthonfull(k);
void Node: splitChildCint i, Node *y) ?
Node *z = new Node(y -> t, y -> leag);
3->n=t-1;
if (y -> leaf == false) for (intj
C(j) = y -> C(j + t);
for Cintj = n; j >= i
                 j >= i; j-) keysl
keysli] = y -> keyslt
```

3
intmain(){
intn;
cout < "Enter B Iree Order In";
Cin >> n;
Bereeth;
intk,
cout < "Enter Elements \n";
cin >> k;
while (k-) {
intm;
Cin >> m;
tinsert(m);
3
cout < "The B-tree is: ";
t.traverse();
3