Given a B.T. Invent it!

Ynodes swap the lift of right child! void invert (Node root) { if (root == NULL) ret;

[invent (root. Mt);

______. right
_____. suge (root. Mt, root. right); Q Givan a B.T. Check if equal tree partition is possible? enath som sur of mode value by reproving I edge.

I. frul sun

if (root = = NULL) ret 0;

if (root = = NULL) ret 0;

ret Sur (root left)

+ sun (root root)

+ root dato;

s = sum (rot); if (s:/.2 !=0) ret falm;

~it chuk (rout). four ;

Info clack (Node rod) { Inp ? if (root = NULL) } intsum; yet Info (0, febr); bool found; Info L = chuk (root. lft); if (L. found = = true) { not Info (0, tow); Inf. R: chuk (root. right); > intesom = L. sur + R. sun + rout. data; ret Info (csom, (R. ford = = tru) | (csom = = 5/2)));

Given a perfect B.T.

Assign the next pointers of all the nodes to the ment pointers of all the nodes to the ment node on it's right 2 Nol 9 Node left;

right;

mut;

grew (Nob 7 9; G. engrum (root); Mil (! g. i) Purpty ()) { 52 - g. size (); f(i=0; i< 52; i++) {
Noh f=9. front(); Q. degnum (); if (i== 52-1) { f.m.t = NULL; éla 5 f.m.t = g.front(); if (f. left! = NULL) 5 g.eyn (f.lift); if (f. right! = NULL) [g. eign (f. ryw);

P. Ift. rent = p. right if is NULL p. right. nent = p. nent. lyt T(=0(N) Solve the about problem for a B.T. ' SC : D(1)

of Given a BST. find the Kth smallest node! (10) 4 INORDER OF A BST SORTEDI |N: 1 5 7 10 12 20 TC:0(N) in order (rot) & (= 0(N) inorda (rod M); if (t==k) {

print (root. alata);

inordur (root. right);

inordur (root. right); d=0

Given a B.T. Check if there is a roof to lef path with sum = = K. bod check (Node rot, jut sum) { if (root, left == NULL LA rood. 2 just == NULL) {

if (SUM == root data) ret tru;

- 11. if (root == NULL) ret fab; L: duk (rod. bft, son-rod.dele); if (L==tru) ret tru; ret chuk (rot. right, sun-rod. data);