Preordet (Psuedocode) (N-L-Pa) Word Preorder (Tree node to) 1) IC r== null -> Preturn (SHap) 2) Print Preorder (1-> 1-FL) Thecurstud (access val + Print) 4) Print Preorder (1-> right) 1/2 : Preorder (access with Print) Function : / hall talk the to apply the In-order (Psuedocode) (L-N-R) Void Inorder (Tree node *) 1) IC G= HANNIM AS p-churry (Stop) 111 (3) In-order (r-> Left) Recursive (until not), Frit 1) In-order (r-> right) - Recursive tunction (same saire) start of the saire Post-order (Psucdocode) (LPAN) Soft of the pulled of end in Nine & Shirt is Joid postorder (TreeNobet)

If r == MUII -> return (Slop) 2) Trostorder (r->left) recorsive (Till left = null)
3) Postorder (r->right) recursive (Tillright=null) 4) print resulte

Delete Pour do code que do la 1) MFIRE == poll willing Innover Lo natural for and the delical 2) Else if VK- Dualice //if vel smaller go left L> r->left = delete Noder (r+> left (V) 3) Else if MARTINOLINE 1/16 hall larget go right MIS right = deletexboater- 1844, U) 4) Else // ile welled melliches about project == norvors// nod-color onld right dild L> Hemp= Ti-> Fight AXI TIME in I be delile La return temp ILD Else if 1-20 gul = - no 100/ (hodel w/ only left child 1> temp= r->1eft 1/2 and Li delike C Ly return tremp 2> Else L> temp = min right val node (r-> right) L> r-> vilve = temp > velve ris right = delite wood (roright, temp > valet returns

| | lests |
|---|--|
| | Insert Node & |
| | O Insert duplicate values; Should prompt user to reen |
| | 3 Insert Nove-suclue 36, 100 |
| | a left and right subtree. |
| | Search_Node 8 |
| | (1) can la Con vane -> value that doesn't |
| | exist. Should prompt that out |
| | I not exist |
| | |
| | Delete root nodervelve; rook-velve |
| | Should be replaced by min vel |
| | on right subtree. |
| | 283 - 1838 (A. 1888 - 1878 - 1888 - 1838 - 1838 - 1838 - 1838 - 1838 - 1838 - 1838 - 1838 - 1838 - 1838 - 1838 |
| | Pre-order_Print: BST LS77,56,45,57,90,89,98 (77) |
| | |
| | In-order Prints 545,56,57,77,89,90,98 (56) (90) |
| | 1545,56,57,77,89,90,98 (56) |
| | (US) (SF) (89) (98) |
| | Post-order_Prints |
| | 45,57,56,89,90,98 |
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