

CHIRAG LAB 10 BST 1 BMIRCS 039 Hindude estaio. h> # include cstdlib.h> typedet struct Mode & struct Hode x Ceft. int data; } + node; node getnode (int item) ( node ting = (node) malloc (size of (struct Node)); temy > left = NULL; temp > data = item; temy -> right = NULL; Veture time; node insent ( node root, int elex if (root == NUL) entury getnede (else); else if (elc crost->data) root -> left = insert (root ->left, ele); ele if (clerroot -> data) rook -> right = input (root > right, ele); return poot:

	CHIRAG
void inorder (node voot)	1BM19C5039
if (root == NUL)	19
return;	
inorder (root 3/0H);	
print (" old ", root > data)	
in order (root - right;	
5	
void preorder (node rost) (	
if (root == NULL)	
Return:	
Print ("olad", voot - datos	):
preordu (root -> left).	
preorder ( was t -> right);	
3	
Void Postordon (node 100+) of	
if (root==NULL)	
eetvern;	
postordu (root -> (e)+ );	
postorda (root > vish);	
print ("olod", root -> date	);
3	
int main ()	
node root = NULL;	
int e, oh = ';	
while (ch 1 = 5) 2	
	2-Pere order In 3. Inord In4
Postordy In 5 sent exit In");	
Scanf( holadi, tch)	



CHIRAG Switch (ch) Y 1BM1965039 case 1: Print (" Flenen: "; sont ("old", fe); root = insert (root, e); break. Case 2: preorder (voot), break; cool 3' inorder crost) break. cach: postorder (mut); break; Cax 5: paristf ("Exiting."); ex (1), default: Print (" wrong Input!");