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21-12-2020
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: LAB- 10 : Binary Search Twe Implementation

A. Stewer mode

ent key;

Stunct node \* left;

Stunet nade \* night;

3

Stunct node \* curate (int data)

{

Stunet node \* Lemp:

temp: (Stunct node +) malloc (size of (stunct node));

temp - bey = data.

temp + Left = 6 cmp + elight = NULL:

whirn temp:

void insert ( stuner node \* mod , stunet node \* temp)

if ( Gemp -> bey 2 most -> by)

1/ ( wool > lef! = NU()

inscrt ( wol - luft, temp);

else

wooh - left = e lamp;

if ( temp - key I wot - bey) if ( wood - right 10 NULL) inserf ( wood of night, temp ); ale moot -> might = temp inerder (stemet node of) If (most! = NULL) inorde. ( ewoto left ); inorder (2001 7 engli) Void perouder (struct node sucot) if ( woot 1 = NULL) punif (" y.d", mot skey 1. perouder ( most & lef (); Pundo Cust + night 1.

void postoudes ( struct hoole + mod ) If ( wol ! : NULL ) portordes ( 2001 3 Ceff); postordes (mools might). Juin'f (" y.d " evot - beyl; int main () Char Ch; Shower node + most = NULL, + temp; dod temp: cuate (data) if < wood = = NULL) woot = tenp; else insert ( woot, temp 1; Duinif (" Do you want to enlis name ( //n )?"). getchas (1; Scent ( " Y. ( " 4 ch). 3 while (ch== 1y' 11 ch== 6 x1). suluin 0: