Date Expt. No. Page No. 1 # include < stdiah # include(stalleb.h) Stretnode not into Struct hade tolink; Street node & llork; y; typedof street node * NODE; NOBEgatrodel n= (NODE) mallac (size of (sonot made 1); It IX==NULL point ("memoir full"); retuenn; 4 void freemode (NODEX)
E fee (n); y NODE meet (NODE mot, int item & Not temp, cue, prev; Emp= getnode(); temp-ralink = NULL; tempo llenk = NULL; temp-) injo = 9tem; if Ixbot = ENULY returntemp; prev= NULL) are 2 root; While (cul = NULL) & peur = cui;

1841908007 Date _____ Expt. No. 10 Page No. 2. cue = liters < cue -> info? cue -> ellink: cue > f litem< prevo -> info)
prevo -> llink = temp; Prev -> rlink = temp; reoid display (NODE root. inti) desplay (root -) slink, EH);
foll jeo; scijit)
printfiii) printly (19/19), soot -> info); Lisplay (soot -> llink, 2+1); 5) NODE delete (NODE root, int item ENODE cur, parent, q, suc); print ("Empty"); parent = NULLS cus = 800ti while (che ! = NULL & Blens & = cut Dinfo) Cue = (atem & cue -) info & cue > llank; a

if (cur == NULU)

Printf ("Not Round In"); Yetuen root;) f (cul-) llink == NULL) 9 = Cul- stink; else if (cul-) Tlink == NUL else E suc = cus -> slink; while 1 gue - llink 1 = NULL) Suc -> llink; g = cur - rlink; if [parent = = NULL if (core = = parent -> llink)
parent -> llink = 9;
else parent > 8 link 29) freenode (ene); repid preorder (NODE sort) if (soot ! = NULL) printf(11% d", root -) info);
preoeder (root -) llink ;;

EXPENDED BMIALPOOT Page No. Word postorder (NODE root) posteder (not -) portorder pot - slink CNODE YOU er (soot -) llink E root = NULL 1 1. Insect (n 2. display (n. Pee Hypost n S-in \n 6 detelete (n) end (n'); f ("Enter Choice":). cared: display (root, 0)'s Teacher's Signature ___

pt. No. _ 10 Page No. _ C [BMALSOO case 3: preorder (soot);
Case 4: portorder (soot); inoldel (soot Case 5: Case 6: printf (" enter item");

Searly (").d" (item);

root = dolote (root, item); break; default: exit(0);