word include < Stdio. W # include (Stallib.W) I show fourts int info; struct & show towards type def struct vode * NODE; NODE getwode () g NODE X; X = (NODE) mallor (Size of (Struct vode)); if (x = = NULL) { (''u') full promen ") full (''u'') exit(0); netura x'i void freenode (NODEX) f free (x); Post inset (nost root, int item) &

MODE temp & cm bren.

```
temp = getrodix );
 temp - slink = NULL;
 temp - Iline = nucli
 temp - info = item;
() 100x = = NULL)
        return temp;
   prev = nucl;
   cm = noot;
   while ( cm! = Noul) f
       Pren = cm/
        con = (item < continta) &
if (item < pren + info)
       preu - Illine = temp;
           prev - slink = temp;
         took muter
Plithi, took 2001) poldzie biov
      int is
       if ( 500t ! = NULL)
```

```
ileti, sulla + 1002) poldib
       tox ( j = 0; i < i ; i ++).
              (" ") Elving
         Print (" V.d (" root tiblo);
         display ( noot - Dline, *i +1');
     preorder NODE root)
        if 1 2004 1 = MARCHE
             cloquit took i'm low of fluing
              ; (unile + took ) solver);
              preorder / root - Dink);
l'tour adon labroni pion
       if ( noot ! = NULL) &
             inorda (noot + blink);
              print (" 1.2 (" , 5000 + infa);
              junder ( root + relieu)
```

21 Julian int item, choice; NODE 2007 = HALLY fool :: 1 & priuf (" m. l. Ansut In 2. Display Ind. Preodo Luy. Postanda/uB. Juander lu B. Exit paint[" Enter the choice ("); ouf [" r.d", & choice);

witch (choice | {

Cose!: print[" Ender the item "");

Scouf (" r.d", & item); Sconf (" r.d", & choice); switch | choice | { Scouf (" r.d", & item); Scout (root, item); break; Care 2: display (root, 0). break; (ave s: proorder (2004) break; Care 4: postonder (5000 t); break; Cares: inorder (mand); break; default: exit(0); break;