```
# Puchade < 87 dio u>
                                  18 12 20
# include < stdlib. h>
  Struct node * left, & right;
struct no de + new node (int ele)
 Strut nocle * temp = (struct node *) malloc (
                  Size of ( Strut node) );
femp -> data = ele!
 temp -> left = temp -> right = NULL;
 reluin temp;
void inorder (struct mode * root)
 if ( noot ! = NULL )
    inorder (root -> left);
   printf (" /d", not -> data);
  inorder (not -> nght);
void preorder ( struct node + node)
```

```
printf ("1.d", node -> data);
 preorder (node > left);
 preorder (node > right);
void postorder ( struct node * node)
    if (node== NULL)
  sieturn;
  postorder (node-> left);
  posturdes (nucle -> vight);
  printf (" 1.d", node -> data);
 struct node * addtotree ( struct node & node, int data)
  if (node = = NULL)
  retern', neunode (data);
  if ( data < node-7 data )
    node -> left = addtotree (node -> left, data);
   else if (data 7 node -> data)
     node -> right = addtotree (node -> right, data);
    seter node;
   int mais ()
    printf (" Enter number of elements \n");
    int n, quoice;
     granf (" 1.0", 4 n);
     int over [n]
    for [ mt 1=0 ; (cn; (++)
```

```
addtotree (noot, auxii);
 printf (1/21. Preorder In
        2. Postorder m
       3. morder /n
pront ("Enter choice: ");
 Scare ("1'd", & choice);
 switch (chaice)
  case 1 . preorder (noot);
      break;
  case 2 : postorder (noot);
  case 3: inorder (root);
        break;
  case 4; return 0;
 while ( woice ! = 4)
 geturn 0;
```