```
JBH19CSOSI
#indude <stdio.h7
#indude < man.h7
#indude ( String.h)
#indude ( Stall b. h)
 Smet node
     int data;
     Struct node of left
    Street node * right;
typedy smot node *NOOE;
         getucde (int data)
     NODE & = (NODE) Malloc (size of (sound node)).
     x-)data = data;
      x-) right = NULL, 12, 11, 08, 11, 08, 100, 100,
      *> lest= NULL,
      Yourn x;
  રુ
NODE invert (NODE root, int info)
  2
      i) (root == NUU)
             root = getnode (injo);
return root;
       che if (injo<= root → data)
              root > left = invert (root > left, iyo);
         dise
           2 root -> right = intert (root -> right, into)
          deturn root;
   3
void preorder (NODE root)
      if (root == null)
        prints ("·/d/t", root -> data);
         preorder (root =) left);
         preorder (root -) right);
```

```
void inorder (NODE root)
         inorder (root -) (eft );
          printf(".1.dk", root >data);
           inorder (voot right);
       Void postorder (NODE root)
              postvorder (root-) left);

postvorder (root-) right);

hanter (1111 vant-Hota).
               prints (". 1, d/t", root-sdata);
  NOPE findmin (NOPE root)
        Che of (root-) left == NOW)

E redurn root; + ( ) = 1000 polyments bere
            return findmin (root-) left)
  3
 NODE delete _node (NODE root, int info)
               root -> left = delete-node (root-> left, injo);
           Clse if (injo > root -> data)
               root - right = delite = node (root-) right, info);
        che {

i) (root-)left == NUU 22 root -> right== NUU)
```

```
free (root);
         redurn root;
   clue if (root > left == NULL)
            None temp = root
            root = root - reft
                return root;
          NODE temp = finduin (root-right)
             root -> data= temp -> data;
           root -> right = clelete _ node ( right , demp >day
 3
  Void display (NODE root, inti)
     display (root-right, iti)
     for(int j=1; j(=1); j++)
       printf (" 1.d\n", root ->data);
         display (root-) left, i+1);
"int main()
3
    NODE root = NULL;
    int data, option;
                     " The style day
```