10-05-54
@ wap to construct @ Binary search in the postorder, postorder, preorder in tree of sisplay the elements in tree
<pre> struct Node {     int data;     struct Node * left;     struct Node * right; }; </pre>
Struct Node * createntode (int data)  Struct Node * newNode  [Struct Node *) mallor ( size of ( struct Node *) mallor ( size of ( struct Node *)
newNode -> left = newNode -> right = NULL; return Newnode;
Struct Nude * insert (struct Nude* root int data)  it (root = NULL)  inturn createNode (data):
<b>y</b>

```
if (data croot -rdata)
        root -> left - insert (root -> left do to)
   ilse il (data > rout > data)
      root-night: insert (root->right date)
    return root;
void inorder Traversal (Struct Node * root)
      it (root ! = NULL)
         inorderTraversal (root-rleft):
         prints ("rd" root ->data).
          inorderTraversal (root gright)
 void postordestraversal (struct Noder room
   - 17 (1001 1-NULL)
       postor de Praverga! (1001 -1011)
       post order haversal (root - right)
       printi (" v.d. roet raam?
```

Void preorder Traversal (struct alode\* roy (4 (root != NULL) printf ("y.d", root -> data); preor deviraversal (root > leff): pre order Traversal (root -7 right): Void display ( struct Node \* root) print ( " Element in the tree:"); Inorder traversal (rout): printf(" In"); output Elements in the tree: 20 30 40 50 60 70 Morder Traversal! 20 30 40 50 60 70 80 postorder traversal: 20 40 30 60 80 70 8 preordertraversal: 50 30 20 40 70 60 80