9 Ssignment - 4

Name

- CH. Naga Avjali

Regno

: 192372201

Dept

: CSE-AI

P Course code : CSA0389

Course name : Data Structure for Stack Over flow

```
Develop a cprogram to implement the tree traversal
(Suorder, preorder, post order).
        Houchude Istdion >
       # Suclude Istalibins 1 18001 " Labor 18 1813
   type of struct node ?
        int data;
      Struct node * lett * right;
    I node;
    Vold preorder (node * root) {
     it ( not == null) { misymout interest " before
         return;
   Printf ("1.d" root -) data); ("a) " ) dial"
   Preorder (root + lett);
   Preorder (not-sright);
                            (Colal Hinte
Void lu order (node * root) {
                                return co
   if (root = = null) {
    return:
  Inorder (root → lett);
 printf ("iled", root - data);
 inordex (root-s right);}
void postorder (node * root) {
   it (root == null)
```

```
e return; f
  post order (root - leff);
  postorder ( not - right);
 Printf(".l.d", root-, data);
 int main () {
 Printf (" preorder Trainversal!);
Preorder (root);
              j ja ser # el ell and repair bloc
 Printf ("(n");
Printf L"Inorder Tranversal:");
 inorder (root),
Printf ("in"); folder from the good again
Print+ l' postorder Franversal:");
Preorder (not);
Print-f (" (n");
                 tridition factofer (actegoristic) f
return 0;
                          ំនៃ (ប្រែក សេស មេសាស្ត្រី ផ្ទុំ
```

Philippin waters

Althor Comment to the

Mana : wingel :

Petrological States and the states

geld of the Aban' volovation bills

