Assignment - 4

Name: Gayam. Rahul.

Reg no : 192311244

Dept : CSE

Course code: CBA 0389

Course name! DATA STRUCTURE

Faculty name: Dr. Ashok Kumar

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Assignment - 4
                              NAME: - G. Rahul
              DATA STRUCTURE Reg no: -192311244
  Develop a C program to implement the
  trac traversals (Inoxdor, Prooxder, Postoxder)
  # include 25tdio. h>
  # include < Stalib. h>
  Struct node of
        int data;
       Struct node * left.
       Struct node * Right
 Struct node * Cxcato node (int data) {
     Structrode * newonade = (Struct node *) malloc
 (Size of [struetnode]);
       newnode -> data = data ;
       newrode > left = NULL;
       newnode -> Right = NULL'
      seturn new node;
void inoxder (Struct node * soot) (
      if (xoot == NULL)
       return;
       inoxder (xoot > Left);
       Print+ (" 1.d", root -> data);
       preoxdex (xoot -> left)
       preorder (root + Right);
void Postoxder (Struct node * root) ¿
   it (xoot == NULL)
       setusn
   Postoxdex (xoot >> Left)",
   postorder (xoot + right);
     Print + (" Y. d" sout -> data);
Int main C) {
  Struct node * soot = createnode (1);
```

