```
else
          while (ptr 1= NULL)
               ptrl = ptr;
               if (pty -> data > val)
                  pt = ptx -> left;
                    ptr = ptr - right;
           if (per1 -) data >val)
            else
              pty1 -> right = new are
void inorder (struct node *ptr)
   if (ptr! = NULL)
        inorder (ptr -> left);
        printf (" o/ad "; ptx > data);
        inerder (ptr -) sight.);
void pre-order (stout node *ptr)
    it (ptx 1 = NULL)
      printf (" "/d", ptr -)data);
         pre-oxder (ptr -> left);
         pre order (ptr -) right);
```

```
void port-order (struct nade *ptr)
    if (ptr 1= NULL)
        post-oxdu (pto -> left);
        post - order (ptx -) right);
         print (" % d ", ptr -) data);
   print+ (" Enter no of noder: ");
   scant ("%d", fn);
   for (int i=0; icn; i++)
   5 create();
   printf (" In Inorder: In");
    ingreden (xoot);
   print + (" \n Pre Orden: \n");
    pre-order (root);
    printf (" In Postorder: In");
  post - order (rept);
```

OUTPUT	
Enter no. of nodes: 6	
Enter data: 5	
Enter data: 43	
Enter data: 4	
Enter data: 9	•
Enter data: 6 Enter data: 8	
Inorder:	
3 4 5 6 8 9	
Preoxder:	
5 3 4 9 6 8	
Postorda:	
4 3 8 6 9 5	
(5)	
(3)	
(6)	
(4)	
(3)	
	1 2