```
LAB-10
```

B.S Tree Implementation

```
Node & create()
1
 Ŧ
     Node + new node = (Node +) mallox (283606 (Node));
     parate ("In Enter Element: "); scan & (" dod", & newnode >data);
      newnode->left=newnod->regnt=NULL;
      return newnode;
  3
  node + 9 n zest ( Node * Root, node * new Node)
 ş
    18(800t == NULL)
     ٤
        root = new Node;
     3
    9219
     £
     if c new Node -> data > Root->data)
       E
           ie croof -> 2134 f == MULL)
           Poot -> sight = new Node;
            6126
            insext (Roots sight, new Node);
        3
       6/26
        £
            il (Root > left == NULL)
             Root sleft=newNode;
             6/26
              insext (Root - left, newhode);
         3
       3
 3
```

```
B 2069
           Preordex (Node #Root)
    Z
         if (Root & = NULL) }
         Papate (" dod", Root->data);
          Preorder ( Root ->left):
         , Preorges (Root -> right);
@ 408 q
            inosdex (Node * Root)
    {
         66 (600fP= NOTT) {
         inosdes (Root > left);
         Pointe C " dod", Roots data);
         inorder (Root > right);
    3
@ 109d
         postorder (Node ARoot)
     £
         SE (BOOTP = NOTT) }
           Postosdes ( Root-> left);
           postorder ( Root -> right);
             belufe ( ... pg , boot > gate);
           3
    3
 6 vos 9
        display ( mode + root, int i)
    7
        int i:
        ieczooth=NULL)
        7
           display (root-saightilti);
           Rox (3=0; i <1; 3++).
              PENTE (11 ---- 1);
            ( pape + c ( 11 do d / b ", 2001 - 240ta);
             display ( root sleft 1941);
          3
     3
```