

```

1  #include<stdio.h>
2  #include<stdlib.h>
3
4  struct BinaryTree
5  {
6      struct BinaryTree *left;
7      int data;
8      struct BinaryTree *right;
9  };
10
11 struct BinaryTree * CreateBinaryNode(int value)
12 {
13     struct BinaryTree *node = (struct BinaryTree *)malloc(sizeof(struct BinaryTree));
14     node->left=NULL;
15     node->data=value;
16     node->right=NULL;
17     return node;
18 }
19
20
21 int Max(int a, int b)
22 {
23     if(a>b)
24         return a;
25     else return b;
26 }
27
28 int FindLevel(struct BinaryTree *root)
29 {
30     int leftsize,rightsize;
31     if(root==NULL)
32         return 0;
33     else
34     {
35         leftsize=FindLevel(root->left);
36         rightsize=FindLevel(root->right);
37         return (Max(leftsize,rightsize)+1);
38     }
39 }
40
41
42 void main()
43 {
44     struct BinaryTree *root;
45     root=CreateBinaryNode(20);
46     root->left=CreateBinaryNode(30);
47     root->right=CreateBinaryNode(40);
48     root->left->left=CreateBinaryNode(220);
49     root->left->right=CreateBinaryNode(1420);
50     root->right->right=CreateBinaryNode(20);
51     root->right->left=CreateBinaryNode(333);
52     root->left->left->right=CreateBinaryNode(1420);
53     root->left->left->left=CreateBinaryNode(1420);
54     root->left->left->left->left=CreateBinaryNode(1420);
55     printf("Level of Binary Tree is %d",FindLevel(root));
56
57 }

```