

```

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 *B=(struct BinaryTree *)malloc(sizeof(struct BinaryTree));
14     B->left=NULL;
15     B->data=value;
16     B->right=NULL;
17     return B;
18 }
19
20 int FindMax(struct BinaryTree *root)
21 { int root_val, left,right,max=0;
22   if(root!=NULL)
23   {
24       root_val= root->data;
25       left=FindMax(root->left);
26       right=FindMax(root->right);
27
28       if(left>right)
29           max=left;
30       else
31           max=right;
32       if(root_val>max)
33           max=root_val;
34   }
35   return max;
36 }
37
38 void main()
39 {
40     struct BinaryTree *root;
41     root=CreateBinaryNode(20);
42     root->left=CreateBinaryNode(30);
43     root->right=CreateBinaryNode(40);
44     root->left->left=CreateBinaryNode(220);
45     root->left->right=CreateBinaryNode(1420);
46     root->right->right=CreateBinaryNode(20);
47     root->right->left=CreateBinaryNode(333);
48     printf("Maximun Valus is %d",FindMax(root));
49
50 }

```