

```
// Function to return the lowest common ancestor in a Binary Tree.
```

```
// Node{int data, Node left, Node right}
```

```
Node lca(Node root, int n1,int n2)
```

```
{  
    return dfs(root, n1, n2);  
}
```

```
Node dfs(Node node, int n1, int n2){
```

```
    if(node == null){  
        return null;  
    }
```

```
    Node left = dfs(node.left, n1, n2);
```

```
    Node right = dfs(node.right, n1, n2);
```

```
    if(node.data == n1 || node.data == n2){  
        return node;  
    }
```

```
    if(left != null && right != null){  
        return node;  
    }
```

```
    if(left != null){  
        return left;  
    }
```

```
    return right;
```

```
}
```