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## 1005. Level Traversal for binary tree

Total: 351 Accepted: 57

### Description

Time Limit: 1sec Memory Limit: 256MB

Define the type for binary trees as follow:

```
template <typename T> struct BinaryNode{
    T elem;
    BinaryNode *left;
    BinaryNode *right;
    BinaryNode(T d, BinaryNode *l=NULL, BinaryNode *r=NULL):elem(d),left(l),right(r){};
};
```

Your task is to implement the level traversal of binary trees.

// root is a pointer to the root of the binary tree.

```
template <typename T>
void levelTraversal(BinaryNode<T>* root, void (*visit)(T &x))
```

Just submit the levelTraversal function. Don't submit the BinaryNode definition and the main function.

### Input

None

### Output

None

### Sample Input

[Copy](#)

None

### Sample Output

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None

**Problem Source:** 乔海燕, 刘晓铭

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