图形用户界面, 文本, 应用程序

描述已自动生成

#include <bits/stdc++.h>

**using** **namespace** std;

**struct** node {

char v;

node \*lch, \*rch;

node(char i): v(i), lch(**nullptr**), rch(**nullptr**) {}

};

void dfs(node \*root, int &cnt) {

**if** (!root) {

**return**;

}

**if** (!root->lch && !root->rch) {

cnt++;

} **else** {

dfs(root->lch, cnt);

dfs(root->rch, cnt);

}

}

string bo;

node \*build(int index) {

**if** (index > bo.size())

**return** **nullptr**;

**if** (bo[index] == '@')

**return** **nullptr**;

node \*root = **new** node(bo[index]);

root->lch = build(index \* 2);

root->rch = build(index \* 2 + 1);

**return** root;

}

int main() {

cout << "type in bfs order:";

cin >> bo;

bo.insert(0, "-");

node\* root = build(1);

int cnt = 0;

dfs(root, cnt);

cout << "leaf:" << cnt;

cout << endl;

**return** 0;

}

*//ABCD@E@@F@@@@*