文本

低可信度描述已自动生成

#include <bits/stdc++.h>

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

**template**<**class** **T**>

**class** **Tri** {

**private**:

**const** int SZ = 128;

**struct** st {

int x, y;

T v;

*//st(int p1, int p2, T value): x(p1), y(p2), v(value) {};*

};

st\* t;

int len;

**public**:

Tri() {

t = **new** st[SZ];

len = 0;

}

~Tri() {

**delete**[] t;

}

void push(int x, int y, T v) {

**if** (len >= SZ)

**return**;

t[len].x = x;

t[len].y = y;

t[len].v = v;

len++;

}

void show() {

**for** (int i = 0; i < len; i++) {

cout << "E(" << t[i].x << ',' << t[i].y << ") = " << t[i].v;

cout << endl;

}

}

};

int main() {

ios\_base::sync\_with\_stdio(false);

cin.tie(NULL);

int a[4][5] = {

{0, 23, 0, 14, 0},

{12, 0, 0, 0, 0},

{0, 0, 45, 6, 0},

{16, 0, 0, 0, 27}

};

Tri<int> list;

cout << "a = " << endl;

**for** (int i = 0; i < 4; i++) {

**for** (int j = 0; j < 5; j++){

cout << a[i][j] << ' ';

**if** (a[i][j])

list.push(i,j, a[i][j]);

}

cout << endl;

}

cout << endl;

cout << "Tri list:" << endl;

list.show();

**return** 0;

}