文本

描述已自动生成

#include <bits/stdc++.h>

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

int a[4][5] = {

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

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

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

{16, 0, 0, 0, 27}

};

**typedef** pair<int, int> P;

map<P, int> um;

#define x first

#define y second

int main() {

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

cin.tie(NULL);

int aa[5][4];

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

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

aa[i][j] = a[j][i];

}

}

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

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

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

um[{i, j}] = aa[i][j];

}

}

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

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

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

}

cout << endl;

}

**for** (**auto** it : um) {

cout << "um(" << it.x.x << ',' << it.x.y << ") = "

<< it.y << endl;

}

**return** 0;

}