#### 源程序

// First.cpp : 此文件包含 "main" 函数。程序执行将在此处开始并结束。

#include "pch.h"

#include <iostream>

#include "fun.h"

#include <iomanip>

using namespace std;

int main()

{

int row = 3, col = 4;

double \*\* array;

array = RequestAMatrix( row, col);

double num = 1.0;

for (int i = 0; i < row; i++)

{

for (int j = 0 ;j < col ; j++)

{

array[i][j] = num;

num = num + 1.0;

}

}

for (int i = 0; i < row; i++)

{

for (int j = 0; j < col; j++)

{

cout << setw(8) << array[i][j] ;

}

cout << endl;

}

//释放

for (int i = 0; i < row; i++)

delete []array[i];

delete []array;

return 0;

}

//fun.h : 编写函数头文件

#pragma once

#ifndef \_\_FUN\_H\_\_

#define \_\_FUN\_H\_\_

double \*\* RequestAMatrix(int , int);

#endif // !\_\_FUN\_H\_\_

//fun.cpp : 函数源文件

#include "pch.h"

#include <iostream>

double \*\* RequestAMatrix(int row, int col)

{

double \*\*a = new double \*[row];

for (int i = 0; i < row ; i++)

{

a[i] = new double[col];

}

return a;

}

###### 运行结果

