代码一：

#include<iostream>

#include<string>

using namespace std;

class MyArray {

public:

MyArray(int leng);

~MyArray();

void Input();

void Display(string);

protected:

int\* alist;

int length;

};

MyArray::MyArray(int leng)

{

if (leng <= 0)

{

cout << "error length";

exit(1);

}

alist = new int[leng];

length = leng;

if (alist == NULL)

{

cout << "assign failure";

exit(1);

}

cout << "MyArray类的对象以创建!" << endl;

}

MyArray::~MyArray()

{

delete[] alist;

cout << "MyArray类对象已撤销！" << endl;

cout << "c++不容易";

}

void MyArray::Display(string str)

{

int i;

int\* p = alist;

cout << str << length << "个整数：";

for (i = 0; i < length; i++, p++)

cout << \*p << " ";

cout << endl;

}

void MyArray::Input()

{

cout << "请从键盘输入" << length << "个整数:";

int i;

int\* p = alist;

for (i = 0; i < length; i++, p++)

cin >> \*p;

}

class paixu :public MyArray {

public:

paixu(int leng) :MyArray(leng)

{

cout << "c++好难" << endl;

}

void px()

{

int\* p = alist;

cout << "显示排序前整数： ";

for (int i = 0; i < length; i++, p++)

cout << \*p << " ";

cout << endl;

p = alist;

for (int i = 0; i < length - 1; i++)

{

for (int j = 0; j < length - i - 1;j++)

{

if (\*(p+j) > \*(p+j + 1))

{

int k;

k = \*(p + j);

\*(p + j) = \*(p + j + 1);

\*(p + j + 1) = k;

}

}

}

cout << "显示排序后整数： ";

for (int i = 0; i < length; i++, p++)

cout << \*p << " ";

cout << endl;

}

};

int main()

{

paixu b(5);

b.Input();

b.Display("显示已经输入的");

b.px();

return 0;

