代码：

#include <iostream>

using namespace std;

#define Maxsize 255

class mystring{

private:

char ch[Maxsize];

int length;

public:

mystring(string & str) {

for (int i = 0; i < str.length(); i++) {

ch[i] = str[i];

}

length = str.length();

}

char getch(int n) {

return ch[n];

}

int getlength() {

return length;

}

void Reverse(mystring& ch ,int n , int m);

};

void mystring::Reverse(mystring& my , int n,int m) {//反转从n到m的字符

if (n >= m)return;

Reverse(my, n + 1, m - 1);

char temp;

temp = my.ch[n];

my.ch[n] = my.ch[m];

my.ch[m] = temp;

}

int main() {

string str;

cin >> str;

mystring my(str);

for (int i = 0; i < my.getlength(); i++) {

cout << my.getch(i);

}

my.Reverse(my,0,(my.getlength()-1));

cout << endl;

for (int i = 0; i < my.getlength(); i++) {

cout << my.getch(i);

}

}

结果

输入abcd：

