1. Souce-code file:

#include<iostream>

using std::cout;

namespace mynamespace {

int max(int a, int b, int c) {

int maxNumber;

maxNumber = (a > b) ? a : b;

maxNumber = (maxNumber > c) ? maxNumber : c;

return maxNumber;

}

}

int main() {

cout<<mynamespace::max(1, 2, 3);

system("pause");

return 0;

}

(2)

Header file:

class Calculator {

double operand1, operand2;

char\* operation;

public:

Calculator(double, double, char\*);

double doOperation();

};

Souce-code file:

#include<iostream>

#include<stdlib.h>

#include"calculator.h"

using std::cout;

using std::endl;

int main(int argc, char \*argv[]) {

if (argc != 4)

cout << "You must give 4 arguments!" << endl;

double operand1, operand2;

char \*operation;

operand1 = atof(argv[2]);

operand2 = atof(argv[3]);

operation = argv[1];

Calculator one(operand1, operand2, operation);

cout << one.doOperation() << endl;

return 0;

}

Calculator::Calculator(double x,double y,char\* docode) {

operand1 = x;

operand2 = y;

operation = docode;

}

double Calculator::doOperation() {

if (strcmp(operation, "add") == 0) {

return operand1 + operand2;

}

else if (strcmp(operation, "sub") == 0) {

return operand1 - operand2;

}

else if (strcmp(operation, "mul") == 0) {

return operand1 \* operand2;

}

else if (strcmp(operation, "div") == 0) {

return operand1 / operand2;

}

return 0;

}

(3)

Source-code file:

1、

#include < iostream >

using std::cout;

using std::cin;

using std::endl;

int main() {

int year;

cout << "Input year:" << endl;

cin >> year;

if (year % 4 == 0 && year % 100 != 0 || year % 400 == 0)

cout << year << " is a leap year" << endl;

else cout << year << "is not a leap year" << endl;

return 0;

}

2、use class ifstream and ofstream

#include <iostream>

#include <fstream>

using namespace std;

int main() {

int year =0;

ifstream file1("input.txt");

ofstream file2("output.txt");

if (!file1.eof())

file1 >> year;

else

cout << "there is some error opening file1";

if (year % 4 == 0 && year %100 != 0 || year % 400 == 0)

file2 << year << " is a leap year" << endl;

else file2 << year << " is not a leap year" << endl;

return 0;

system("pause");

}

(4)

  for(i=0;i<100;i++)  
       for(j=0;j<100;j++)  
           for(k=0;k<100;k++)  
              if(i+j+k==multiple of 255)

break;

break;

break;

Difference:

“break” can be used to end the whole loop, but goto can used to jump to a statement marked before. Goto can be used to jump the loop or conditional statement.