

hello.h [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools- Plugins DoryBlocks Settings Help

main.cpp x hello.h x hello.cpp x

```

1 #ifndef HELLO_H_INCLUDED
2 #define HELLO_H_INCLUDED
3
4 #include <iostream>
5 #include <cstdlib>
6
7 using namespace std;
8
9 void greetings (string x, string y);
10 void swap_1(int a, int b, int c);
11 void swap_2(int a, int b, int c);
12 void confused();
13 void remove_inside(int);
14 string indexing(double, double, double);
15 #endif // HELLO_H_INCLUDED
16

```

Logs & others

Code::Blocks x Search results x Cxx x Build log x Build messages x CppCheck/Ver++ x CppCheck/Ver++ messages x Cscope x Debugger x DoryBlocks x Fortran info x Closed files list x Thre

```

mingw32-g++.exe -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\hello.exe obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 MB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler)-----
Checking for existence: D:\hello\bin\Debug\hello.exe
Execution: C:\Program Files (x86)\CodeBlocks\cb_...

```

C/C++ Windows (CR+LF) WINDOWS-1252 Line 11, Col 30, Pos 223 Insert Read/Write default

hello.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools- Plugins DoryBlocks Settings Help

main.cpp x hello.h x hello.cpp x

```

1 #include "hello.h"
2
3 void greetings(string x, string y) {
4     if (y.length() != 10) {
5         cout<<"wrong input"<<endl;
6     } else {
7         if (y.substr(0,2)=="13") {
8             cout<<"hello "<<x<<" from School of Computing."<<endl;
9             cout<<"you are majoring in ";
10            //
11            int z = static_cast<int>(y[3])-48;
12            const char *p = y.substr(3,1).c_str();
13            int i = atoi(p);
14            switch (z) {
15                case 1:
16                    cout<<"Informatics";
17                    break;
18                case 2:
19                    cout<<"Computation Science";
20                    break;
21                case 3:
22                    cout<<"Information Technology";
23                    break;
24                default:
25                    cout<<"..., where again?";
26            }
27        }
28    }
29 }

```

Logs & others

Code::Blocks x Search results x Cxx x Build log x Build messages x CppCheck/Ver++ x CppCheck/Ver++ messages x Cscope x Debugger x DoryBlocks x Fortran info x Closed files list x Thre

```

mingw32-g++.exe -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\hello.exe obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 MB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler)-----
Checking for existence: D:\hello\bin\Debug\hello.exe
Execution: C:\Program Files (x86)\CodeBlocks\cb_...

```

D:\hello\hello.cpp C/C++ Windows (CR+LF) WINDOWS-1252 Line 55, Col 2, Pos 1509 Insert Read/Write default

hello.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran waSmith Tools Tools+ Plugins DoryBlocks Settings Help

<global> swap_2(int a, int b, int c): void

```

26
27     cout<<endl;
28     cout<<"and you're the ";
29     string n = y.substr(6,4);
30     if(n[3]!='1') {
31         cout<<"Pat";
32     } else if(n[3]=='1') {
33         cout<<"nd";
34     } else {
35         cout<<"ch";
36     }
37     cout<<" student listed in this major"<<endl;
38     cout<<"in "<<"20"<<y.substr(4,2)<<endl;
39 } else {
40     cout<<"hello, you're not from School of Computing, "
41     <<"are you?"<<endl;
42 }
43 }
44
45 void swap_1(int a, int b, int c) {
46     c = b;
47     b = a;
48     a = c + b++;
49 }
50

```

Logs & others

Code::Blocks Search results GCC Build log Build messages CppCheck/Ver++ CppCheck/Ver++ messages Cscope Debugger DoryBlocks Fortran info Closed files list

```

mingw32-g++.exe -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\hello.exe obj\Debug\hello.o obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 KB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler)-----
Checking for existence: D:\hello\bin\Debug\hello.exe
Executing: D:\hello\bin\Debug\hello.exe
D:\hello\hello.cpp
C/C++ Windows (CR-LF) WINDOWS-1252 Line 55, Col 2, Pos 1509 Insert Read/Write default

```

hello.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran waSmith Tools Tools+ Plugins DoryBlocks Settings Help

<global> swap_2(int a, int b, int c): void

```

50
51 void swap_2(int a, int b, int c) {
52     c = b;
53     b = a;
54     a = c + b++;
55 }
56
57 void confused() {
58     int x1 = 5;
59     int x2 = 5;
60     int x3 = 5;
61
62     int *pA;
63     int *pB;
64     int *pC;
65     int *pD;
66     int *pE;
67
68     pA = &x1;
69     pB = &x2;
70     pC = pB;
71     pD = pC;
72     pE = pB;
73     pB = &x3;
74     *pD = 10;

```

Logs & others

Code::Blocks Search results GCC Build log Build messages CppCheck/Ver++ CppCheck/Ver++ messages Cscope Debugger DoryBlocks Fortran info Closed files list

```

mingw32-g++.exe -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\hello.exe obj\Debug\hello.o obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 KB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler)-----
Checking for existence: D:\hello\bin\Debug\hello.exe
Executing: D:\hello\bin\Debug\hello.exe
D:\hello\hello.cpp
C/C++ Windows (CR-LF) WINDOWS-1252 Line 55, Col 2, Pos 1509 Insert Read/Write default

```

hello.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoryBlocks Settings Help

<global> | swap_2(int a, int b, int c): void

main.cpp | hello.h | hello.cpp

```
75 pC = 4x1;
76 *pE = x2 - *pA;
77 cout<<"pA = "<<*pA<<" , pB = "<<*pB<<" , pC = "
78 <<*pC<<" , pD = "<<*pD<<" , pE = "<<*pE<<endl;
79
80
81 void remove_inside(int x) {
82     cout<<"Removing index "<<x<<endl;
83     int arr[] = {4,6,7,9,4,6,8,4,2,2,5,8,0,4};
84     int n = sizeof(arr)/sizeof(arr[0]);
85     for (int i = 0; i<n; i++) {
86         cout<<arr[i]<<" ";
87     }
88     cout<<endl;
89
90     if (x>0&&x<n) {
91         while (x<n) {
92             arr[x++] = arr[x];
93         }
94         n--;
95         for (int i = 0; i<n; i++) {
96             cout<<arr[i]<<" ";
97         }
98         cout<<endl;
99     } else {
```

Logs & others

Code::Blocks | Search results | Cocc | Build log | Build messages | CppCheck/Ver++ | CppCheck/Ver++ messages | Cscope | Debugger | DoryBlocks | Fortran info | Closed files list | Thre

mingw32-g++.exe -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\hello.exe obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 KB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler)-----
Checking for existence: D:\hello\bin\Debug\hello.exe
Executable: "D:\hello\bin\Debug\hello.exe" (D:\hello\bin\Debug\hello.exe) File: D:\hello\1

C/C++ Windows (CR+LF) WINDOWS-1252 Line 33, Col 2, Pos 1509 Insert Read/Write default

hello.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoryBlocks Settings Help

<global> | swap_2(int a, int b, int c): void

main.cpp | hello.h | hello.cpp

```
97 }
98     cout<<endl;
99 } else {
100     cout<<"wrong input"<<endl;
101 }
102
103
104 string indexing(double x, double y, double z) {
105     double t = x*.4 + y*.35 + z*.25;
106     if (t > 85)
107         return "A";
108     if (t > 75)
109         return "AB";
110     if (t > 70)
111         return "B";
112     if (t > 60)
113         return "BC";
114     if (t > 50)
115         return "C";
116     if (t > 40)
117         return "D";
118     return "E";
119 }
120
```

Logs & others

Code::Blocks | Search results | Cocc | Build log | Build messages | CppCheck/Ver++ | CppCheck/Ver++ messages | Cscope | Debugger | DoryBlocks | Fortran info | Closed files list | Thre

mingw32-g++.exe -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++.exe -o bin\Debug\hello.exe obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 KB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler)-----
Checking for existence: D:\hello\bin\Debug\hello.exe
Executable: "D:\hello\bin\Debug\hello.exe" (D:\hello\bin\Debug\hello.exe) File: D:\hello\1

C/C++ Windows (CR+LF) WINDOWS-1252 Line 33, Col 2, Pos 1509 Insert Read/Write default

main.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoryBlocks Settings Help

global main() int

```
1 #include "hello.h"
2
3 int main() {
4     cout << "Test procedure Greeting" << endl;
5     string name = "Mikogizuka";
6     string id = "1301194086";
7     greetings(name, id);
8     cout << "Please answer question 1" << endl << endl;
9
10    cout << "Test procedure swap_1 and swap_2" << endl;
11    int a = 15;
12    int b = 30;
13    int c = 75;
14    swap_1(a,b,c);
15    cout << "a = " << a << ", b = " << b << ", c = " << c << endl;
16    a = 15;
17    b = 30;
18    c = 75;
19    swap_2(a,b,c);
20    cout << "a = " << a << ", b = " << b << ", c = " << c << endl;
21    cout << "Please answer question 2" << endl << endl;
22
23
24    cout << "Test Procedure confused" << endl;
25    confused();
26    cout << "Please answer question 3" << endl << endl;
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
```

Logs & others

Code::Blocks Search results C++ Build log Build messages CppCheck/Ver++ CppCheck/Ver++ messages Cscope Debugger DoryBlocks Fortran info Closed files list

mingw32-g++ -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++ -o bin\Debug\hello.exe obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 MB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler) -----
Checking for existence: D:\hello\bin\Debug\hello.exe
Execution: "D:\hello\bin\Debug\hello.exe" (D:\hello\bin\Debug\hello.exe) (D:\hello\bin\Debug\hello.exe)

C/C++ Windows (CR+LF) WINDOWS-1252 Line 24, Col 43, Pos 614 Insert Read/Write default

main.cpp [hello] - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoryBlocks Settings Help

global main() int

```
15 cout << "a = " << a << ", b = " << b << ", c = " << c << endl;
16 a = 15;
17 b = 30;
18 c = 75;
19 swap_2(a,b,c);
20 cout << "a = " << a << ", b = " << b << ", c = " << c << endl;
21 cout << "Please answer question 2" << endl << endl;
22
23
24 cout << "Test Procedure confused" << endl;
25 confused();
26 cout << "Please answer question 3" << endl << endl;
27
28 cout << "Test procedure remove inside" << endl;
29 remove_inside(5);
30 cout << "Please answer question 4" << endl << endl;
31
32 cout << "Test procedure indexing" << endl;
33 cout << "example 1 : " << indexing(70, 75, 80) << endl;
34 cout << "example 1 : " << indexing(45, 70, 50) << endl;
35 cout << "example 1 : " << indexing(70, 80, 82) << endl;
36 cout << "Please answer question 5" << endl << endl;
37
38 return 0;
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100
```

Logs & others

Code::Blocks Search results C++ Build log Build messages CppCheck/Ver++ CppCheck/Ver++ messages Cscope Debugger DoryBlocks Fortran info Closed files list

mingw32-g++ -Wall -fexceptions -g -c D:\hello\main.cpp -o obj\Debug\main.o
mingw32-g++ -o bin\Debug\hello.exe obj\Debug\main.o
Output file is bin\Debug\hello.exe with size 1.57 MB
Process terminated with status 0 (0 minute(s), 1 second(s))
0 error(s), 0 warning(s) (0 minute(s), 1 second(s))

----- Run: Debug in hello (compiler: GNU GCC Compiler) -----
Checking for existence: D:\hello\bin\Debug\hello.exe
Execution: "D:\hello\bin\Debug\hello.exe" (D:\hello\bin\Debug\hello.exe) (D:\hello\bin\Debug\hello.exe)

D:\hello\main.cpp C/C++ Windows (CR+LF) WINDOWS-1252 Line 24, Col 43, Pos 614 Insert Read/Write default

```
D:\hello\bin\Debug\hello.exe
you are majoring in Informatics
and you're the 4006th student listed in this major
in 2019
Please answer question 1

Test procedure swap_1 and swap_2
a = 15, b = 30, c = 75
a = 15, b = 15, c = 30
Please answer question 2

Test Procedure confused
pA = 5, pB = 5, pC = 5, pD = 5, pE = 5
please answer question 3

Test procedure remove inside
removing index 5
4, 6, 7, 9, 4, 6, 8, 4, 2, 2, 5, 8, 0, 4,
4, 6, 7, 9, 4, 8, 4, 2, 2, 5, 8, 0, 4,
please answer question 4

Test procedure indexing
example 1 : BC
example 1 : C
example 1 : AB
please answer question 5

Process returned 0 (0x0)   execution time : 3.766 s
Press any key to continue.
```

