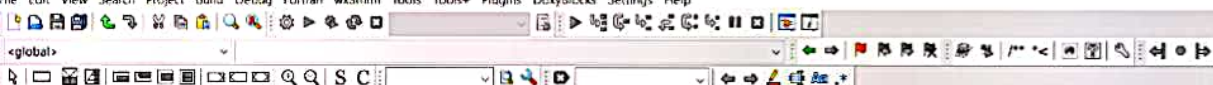


File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



<global>

Management

FSymbols Resources

View: All local s

Search:

```
1 // Switch all the necessary libraries.
2 #include <fstream>
3 #include <iostream>
4 #include <stdio.h>
5 #include <string.h>
6
7 using namespace std;
8
9 int main()
10 {
11     // Considering the max length of data entered (name) to
12     // be 15.
13     char data[15];
14     int n = 0, option = 0, count_n = 0;
15     // This is the initial mark allotted to a subject.
16     string empty = "00";
17     string proctor = "";
18     // Name of the file in which DB is stored.
19     ifstream f("Example.txt");
20     string line;
21
22     // The following for loop counts the total number of
23     // lines in the file.
24     for (int i = 0; std::getline(f, line); ++i) {
25         count_n++;
26     }
27
28     while (option != 6) {
29         // This prints out all the available options in the
30         // DB
31         cout << "\nAvailable operations: \n1. Add New "
32              << "Students\n2."
```

Logs & others

Code::Blocks Search results Cc++ Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Close

File	Line	Message
		==== Build files: "no target" in "no project" (compiler: unknown) ====
		==== Build finished: 0 error(s), 0 warning(s) (0 Minute(s), 1 second(s)) ====

C:\Users\gohiv\OneDrive\Documents\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 1, Col 1, Pos 0

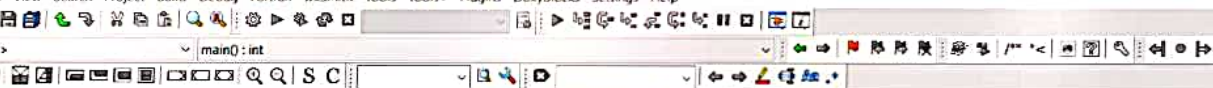
Insert

Read/Write

default

Type here to search

View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



```
main0: int
33     << "Student Login\n3. Faculty Login\n4. "
34     << "Proctor Login\n5. Admin View\n"
35     << "6. Exit\nEnter option: ";
36     cin >> option;
37
38     if (option == 1) {
39         cout << "Enter the number of students: ";
40         cin >> n;
41
42         count_n = count_n + n;
43
44         for (int i = 0; i < n; i++) {
45             ofstream outfile;
46             outfile.open("Example.txt", ios::app);
47             // The entire data of a single student is
48             // stored line by line.
49             cout << "Enter your registration number: ";
50             cin >> data;
51             outfile << data << "\t";
52
53             cout << "Enter your name: ";
54             cin >> data;
55             int len = strlen(data);
56
57             while (len < 15) {
58                 data[len] = ' ';
59                 len = len + 1;
60             }
61             outfile << data << "\t";
62             // Inserting empty data initially into the
63             // file
64             outfile << empty << "\t";
```

Logs & others

Code-Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Close

File	Line	Message
		==== Build file: "no target" in "no project" (compiler: unknown) ====
		==== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ====

\\OneDrive\\Documents\\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 61, Col 2, Pos 1805

Insert

Read/Write default

Type here to search



Visual Studio Code interface showing a C++ file named `main01.int`. The code is as follows:

```
64 outfile << empty << "\t";
65 outfile << empty << "\t";
66
67 cout << "Enter your proctor ID: ";
68 cin >> proctor;
69
70 outfile << proctor << endl;
71 }
72
73
74 else if (option == 2) {
75     char regno[9];
76     cout << "Enter your registration number: ";
77     cin >> regno;
78     ifstream infile;
79     int check = 0;
80     infile.open("Example.txt", ios::in);
81
82     // This loop prints out the data according to
83     // the registration number specified.
84     while (infile >> data) {
85         if (strcmp(data, regno) == 0) {
86             cout
87                 << "\nRegistration Number: " << data
88                 << endl;
89             infile >> data;
90             cout << "Name: " << data << endl;
91
92             infile >> data;
93             cout << "CSE1001 mark: " << data
94                 << endl;
95         }
96     }
97 }
```

The interface includes a Management sidebar on the left, a Logs & others panel at the bottom, and a status bar at the very bottom showing the file path `C:\Users\gadhiv\OneDrive\Documents\database.cpp`, the current file `C/C++`, and the window title `Windows (CR+LF)`. The status bar also displays the current line and column: `Line 92, Col 2, Pos 2848`.

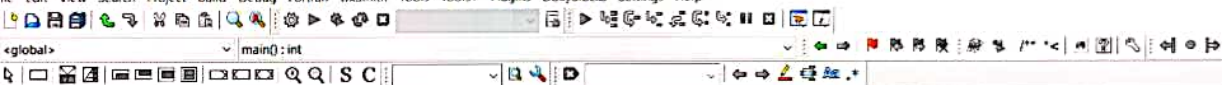
Build output in the Logs & others panel:

```
File Line Message
--- Build file: "no target" in "no project" (compiler: unknown) ---
--- Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ---
```

System tray at the bottom right shows the temperature `26°C`, weather `Rain showers`, and the date `10/28/2021`.

database.cpp - Code::Blocks 20.03

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



<global>

main() : int

Management
FSymbols Resources
View: All local s
Search:

```
92         infile >> data;  
93         cout << "CSE1001 mark: " << data  
94             << endl;  
95  
96         infile >> data;  
97         cout << "CSE1002 mark: " << data  
98             << endl;  
99  
100        infile >> data;  
101        cout << "Proctor ID: " << data << endl;  
102  
103        infile.close();  
104        check = 1;  
105    }  
106  
107  
108    if (check == 0) {  
109        cout << "No such registration number found!"  
110            << endl;  
111    }  
112 }  
113  
114 // This loop is used to view and add marks to the  
115 // database of a student.  
116 else if (option == 3) {  
117     char subcode[7];  
118     cout << "Enter your subject code: ";  
119     cin >> subcode;  
120     string code1 = "CSE1001", code2 = "CSE1002",  
121         mark = "";  
122     ifstream infile;  
123     int check = 0;
```

Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info

File	Line	Message
--- Build file: "no target" in "no project" (compiler: unknown) ---		
--- Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ---		

Users\gchiv\OneDrive\Documents\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 94, Col 2, Pos 2939

Insert

Read/Write

default

Type here to search



26°C Rain showers

ENG 8:56 AM
IN 10/28/2021

database.cpp - Code::Blocks 20.03

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

<global> main0:int

management
FSymbols Resources
View: All locals
Search:

```
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
  
cout << "\nAvailable operations: \n1. Add data "\n  
    "about Marks\n"  
    << "2. View data\nEnter option: ";  
cin >> option;  
  
if (option == 1) {  
    cout  
    << "Warning! You would need to add mark"  
    << "details for all the students!"  
    << endl;  
    for (int i = 0; i < count_n; i++) {  
        fstream file("Example.txt");  
  
        // The seek in file has been done  
        // according to the length  
        // of the data being inserted. It needs  
        // to adjusted accordingly for different  
        // lengths of data.  
  
        if (strcmp(subcode, code1.c_str())  
            == 0) {  
            file.seekp(26 + 37 * i,  
                std::ios_base::beg);  
            cout << "Enter the mark of student:"  
            << (i + 1) << " : ";  
            cin >> mark;  
            file.write(mark.c_str(), 2);  
        }  
  
        if (strcmp(subcode, code2.c_str())  
            == 0) {
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Close

File	Line	Message
		Build file: "no target" in "no project" (compiler: unknown) ---
		Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ---

Users\gdm\OneDrive\Documents\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 152, Col 2, Pos 5004

Overwrite

Read/Write default

Type here to search

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



<global>

main():int

Management
FSymbols Resources
View: All local s
Search:

```
155     == 0) {  
156         file.seekp(29 + 37 * i,  
157             std::ios_base::beg);  
158         cout << "Enter the mark of student!"  
159             << (i + 1) << " : ";  
160         cin >> mark;  
161         file.write(mark.c_str(), 2);  
162     }  
163 }  
164  
165  
166 // This loop is used to view marks of a student.  
167 // The extra infile commands have been used to  
168 // get a specific mark only since the data has  
169 // been separated by a tab character.  
170  
171 else if (option == 2) {  
172     infile.open("Example.txt", ios::in);  
173     if (strcmp(subcode, code1.c_str()) == 0) {  
174         cout << "Registration number - Marks\n"  
175             << endl;  
176         while (infile >> data) {  
177             cout << data;  
178             infile >> data;  
179             infile >> data;  
180             cout << " - " << data << endl;  
181             infile >> data;  
182             infile >> data;  
183             check = 1;  
184         }  
185     }  
186 }
```

Logs & others

CodeBlocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Close

File	Line	Message
		Build file: "no target" in "no project" (compiler: unknown) ==
		Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ==

C:\Users\gdhiv\OneDrive\Documents\database.cpp

Type here to search C/C++ Windows (CR+LF) WINDOWS-1252 Line 183, Col 2, Pos 6270 Overwrite Read/Write default

database.cpp - Code::Blocks 20.03

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

<global> main():int

```
186
187
188     infile.close();
189     infile.open("Example.txt", ios::in);
190
191     if (strcmp(subcode, code2.c_str()) == 0) {
192         cout << "Registration number - Marks\n";
193         << endl;
194         while (infile >> data) {
195             cout << data;
196             infile >> data;
197             infile >> data;
198             infile >> data;
199             cout << " - " << data << endl;
200             infile >> data;
201             check = 1;
202         }
203     }
204
205     infile.close();
206
207     if (check == 0) {
208         cout << "No such subject code found!"
209         << endl;
210     }
211
212
213     // This loop displays all the details of students
214     // under the same proctor ID.
215
216     else if (option == 4) {
217         char procid[7];
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Close

File	Line	Message
		Build file: "no target" in "no project" (compiler: unknown) ==
		Build finished: 0 error(s), 0 warning(s) 0 minute(s), 1 second(s) ==

C:\Users\gdniv\OneDrive\Documents\database.cpp

Type here to search

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 214, Col 2, Pos 7230

Overwrite

database.cpp - Code Blocks 2.8.6

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

Global

main() : int

View: All local s

Search:

```
219     cin >> procid;
220     int check = 0;
221     char temp1[100], temp2[100], temp3[100];
222     char temp4[100], id[100];
223     ifstream infile;
224     infile.open("Example.txt", ios::in);
225
226     while (infile >> temp1) {
227         infile >> temp2;
228         infile >> temp3;
229         infile >> temp4;
230         infile >> id;
231
232         if (strcmp(id, procid) == 0) {
233             cout << "\nRegistration Number: "
234                  << temp1 << endl;
235             cout << "Name: " << temp2 << endl;
236             cout << "CSE1001 Mark: " << temp3
237                  << endl;
238             cout << "CSE1002 Mark: " << temp4
239                  << endl;
240             check = 1;
241         }
242     }
243
244     if (check == 0) {
245         cout << "No such proctor ID found!" << endl;
246     }
247
248     // This loop acts as an admin view to see all the
249     // data in the file.
250
```

Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Close

File	Line	Message
		Build file: "no target" in "no project" (compiler: unknown) ==
		Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ==

R:\Users\gdhiv\OneDrive\Documents\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 247, Col 2, Pos 8345

Overwrite

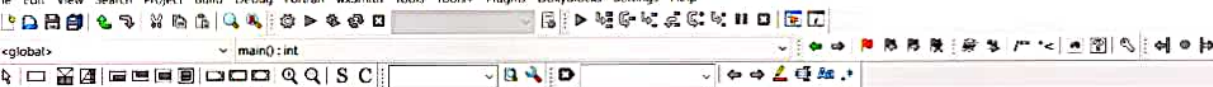
Read/Write

default

Type here to search

database.cpp - SOURCE-BLOCKS.COM

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



Management
View: All local s
Search:

```
252 |  
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275 |  
276 |  
277 |  
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279 |  
280 |  
281 |  
282 |  
283 |
```

```
    else if (option == 5) {  
        char password[25];  
        cout << "Enter the admin password: ";  
        cin >> password;  
  
        // This variable value can be changed according  
        // to your requirement of the administrator  
        // password.  
  
        string admin_pass = "admin";  
  
        if (strcmp(password, admin_pass.c_str()) == 0) {  
            cout << "Reg No.  
                "\tName\tCSE1001\tCSE1002\tProctor "  
                "IP"  
                << endl;  
            ifstream infile;  
            infile.open("Example.txt", ios::in);  
            char data[20];  
  
            while (infile >> data) {  
                cout << data << "\t";  
                infile >> data;  
                cout << data << "\t";  
                infile >> data;  
                cout << data << "\t";  
                infile >> data;  
                cout << data << "\t";  
                infile >> data;  
                cout << data << endl;  
            }  
        }  
    }
```

Logs & others

CodeBlocks X Search results X Cccc X Build log X Build messages X CppCheck/Vera++ X CppCheck/Vera++ messages X Cscope X Debugger X DoxyBlocks X Fortran info X Close

File	Line	Message
Build file: "no target" in "no project" (compiler: unknown)		
Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s))		

Users\gdhiv\OneDrive\Documents\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 280, Col 2, Pos 9461

Insert

Read/Write default



Time here to search

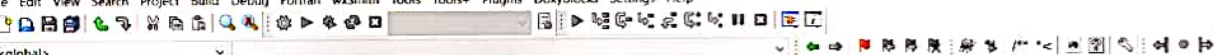
2560 Data changes

ENG

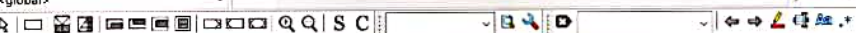
8:58 AM

database.cpp - Code::Blocks 20.03

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



kglobal>



management

FSymbols Resources

View: All local s

Search:

```
257 // This variable value can be changed according
258 // to your requirement of the administrator
259 // password.
260
261 string admin_pass = "admin";
262
263 if (strcmp(password, admin_pass.c_str()) == 0) {
264     cout << "Reg No.
265           "\tName\tCSE1001\tCSE1002\tProctor "
266           "ID"
267           << endl;
268     ifstream infile;
269     infile.open("Example.txt", ios::in);
270     char data[20];
271
272     while (infile >> data) {
273         cout << data << "\t";
274         infile >> data;
275         cout << data << "\t";
276         infile >> data;
277         cout << data << "\t";
278         infile >> data;
279         cout << data << "\t";
280         infile >> data;
281         cout << data << endl;
282     }
283 }
284 }
285 }
286 }
287 }
```

Logs & others

Code-Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Clo

File	Line	Message
--- Build file: "no target" in "no project" (compiler: unknown) ---		
--- Build finished: 0 error(s), 0 warning(s) (0 minute(s), 1 second(s)) ---		

\\Users\\gdn\\OneDrive\\Documents\\database.cpp

C/C++

Windows (CR+LF)

WINDOWS-1252

Line 287, Col 1, Pos 9595

Insert

Read/Write

default

C:\Users\qdhiv\OneDrive\Documents\database.exe

available operations:

- . Add New Students
- . Student Login
- . Faculty Login
- . Proctor Login
- . Admin View
- . Exit

enter option: 1

enter the number of students: 2

enter your registration number: 19201006020

enter your name: dhivya

enter your proctor ID: 1002

enter your registration number: 1920106070

enter your name: rahul

enter your proctor ID:

008