UNIVERSITY OF ENGINEERING AND TECHNOLOGY,TAXILA

SOFTWARE ENGINEERING

LAB-16 SOLUTION

SUBMITTED TO : ENGR.SABA AWAN

SUBMITTED BY : MUHAMMAD ARSALAN

REG NO   : 20-SE-56

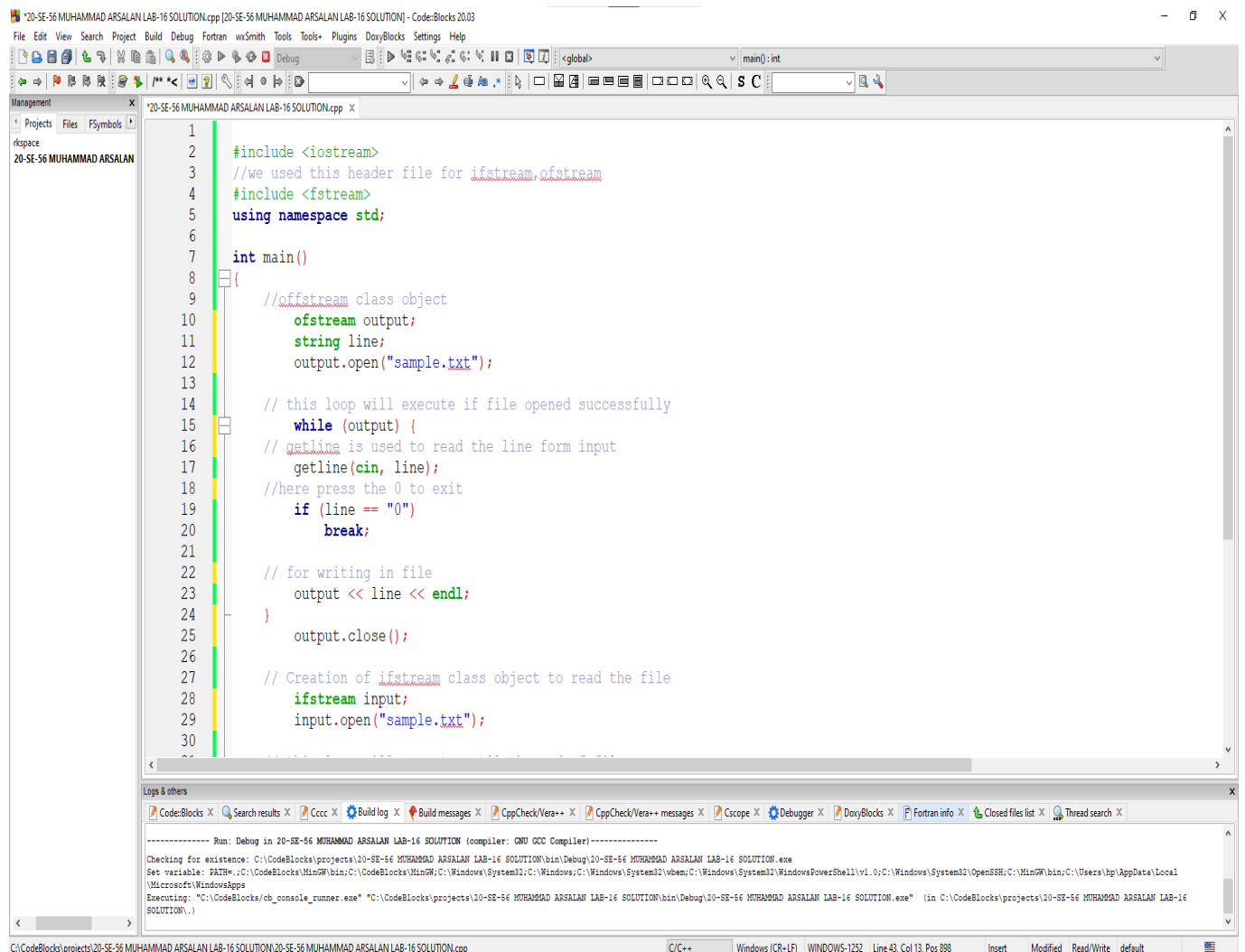+++

TASK-1

Write a C++ program using File Handling concept with using ifstream & ofstream class object*/ that creates a file and write multiple lines in that file by taking input from user on screen, then read that content from that file and display the content of file on screen.

SOLUTION

CODE

```cpp
16          // getline is used to read the line form input
17              getline(cin, line);
18      //here press the 0 to exit
19          if (line == "0")
20              break;
21
22      // for writing in file
23          output << line << endl;
24      }
25          output.close();
26
27      // Creation of ifstream class object to read the file
28          ifstream input;
29          input.open("sample.txt");
30
31      // this loop will execute until the end of file
32          while (input) {
33
34          getline(input, line);
35
36      // for displaying line on console
37          cout << line << endl;
38      }
39
40      //file close
41          input.close();
42
43          return 0;
44  }
45
```

Logs & others

Code::Blocks ✕   Search results ✕   Cccc ✕   Build log ✕   Build messages ✕   CppCheck/Vera++ ✕   CppCheck/Vera++ messages ✕   Cscope ✕   Debugger ✕   DoxyBlocks ✕   Fortran info ✕   Closed files list ✕   Thread search ✕

-------------- Run: Debug in 20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION (compiler: GNU GCC Compiler)--------------

Checking for existence: C:\CodeBlocks\projects\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION\bin\Debug\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION.exe
Set variable: PATH=.;C:\CodeBlocks\MinGW\bin;C:\CodeBlocks\MinGW;C:\Windows\System32;C:\Windows;C:\Windows\System32\wbem;C:\Windows\System32\WindowsPowerShell\v1.0;C:\Windows\System32\OpenSSH;C:\MinGW\bin;C:\Users\hp\AppData\Local\Microsoft\WindowsApps
Executing: "C:\CodeBlocks\cb_console_runner.exe" "C:\CodeBlocks\projects\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION\bin\Debug\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION.exe" (in C:\CodeBlocks\projects\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION\.)

C:\CodeBlocks\projects\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION.cpp

OUTPUT

```
"C:\CodeBlocks\projects\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION\bin\Debug\20-SE-56 MUHAMMAD ARSALAN LAB-16 SOLUTION.exe"

this is a new file
 i am writing to that
now i am going to quit by pressing
0
this is a new file
 i am writing to that
now i am going to quit by pressing


Process returned 0 (0x0)   execution time : 107.100 s
Press any key to continue.
```