Assignment 02

CSE-0302 Summer 2021

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***Abstract*—This works denotes the assignment of course cse-0302.**

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***Index Terms*—The word mostly used in my report. C and C++.**

I. Introduction

This is a c++ programming project work. In this problem I use some tag of C and C++ language.

II. Literature Review

This problem is about how can we remove space, new line and comments etc. from a input file. it's easy to remove those things by some C and C tags.

III. Proposed Methodology

Firstly I learned C and C++ for solve the assignment and then I execute the language in my Code blocks IDE.

A. Equations

IV. Conclusion and Future Work

None

Acknowledgment

I would like to thank my honourable**Khan Md. Hasib Sir** for his time, generosity and critical insights into this project.

References

[1] Wilhelm, R., Maurer, D. (1995). Compiler design. Reading: Addison-Wesley Publishing Company.
[2] Grune, D., Van Reeuwijk, K., Bal, H. E., Jacobs, C. J., Langendoen, K. (2012). Modern compiler design. Springer Science Business Media.
[3] Muchnick, Steven. Advanced compiler design implementation. Morgan kaufmann, 1997.
[4] Holub, A. I. (1990). Compiler design in C (Vol. 5). Englewood Cliffs, NJ: Prentice Hall.

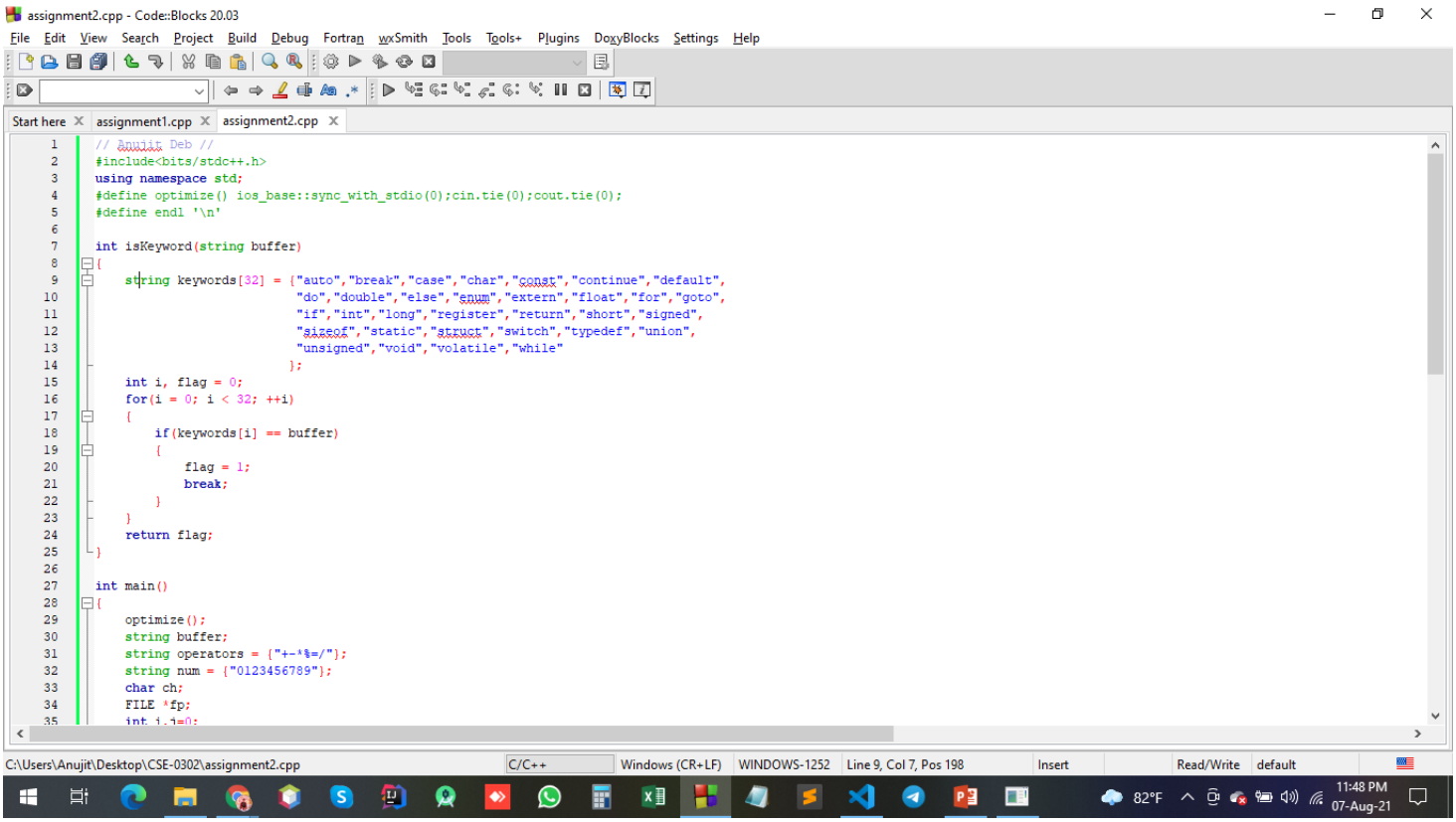

Fig. 1. Code

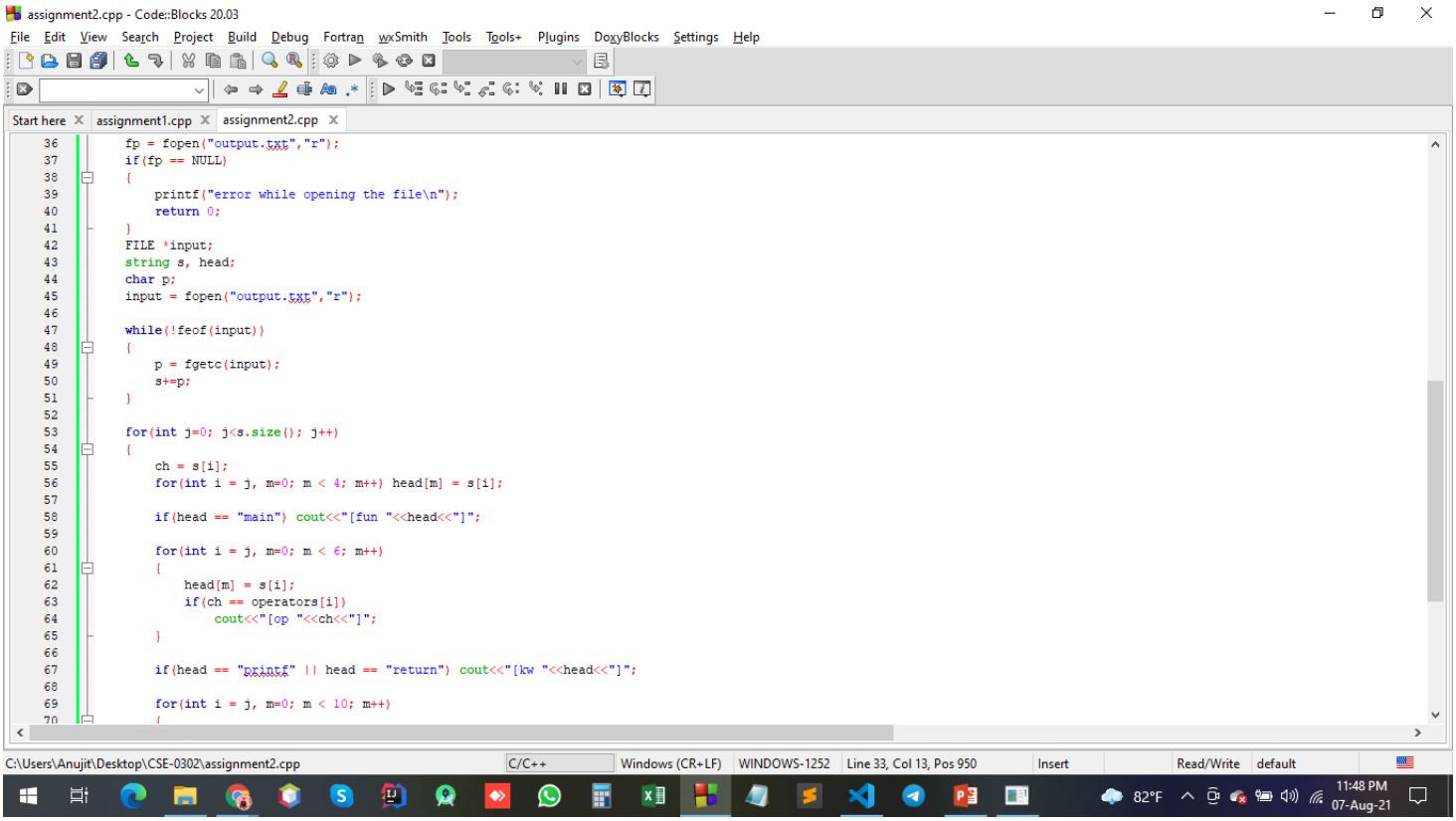

Fig. 2. Code

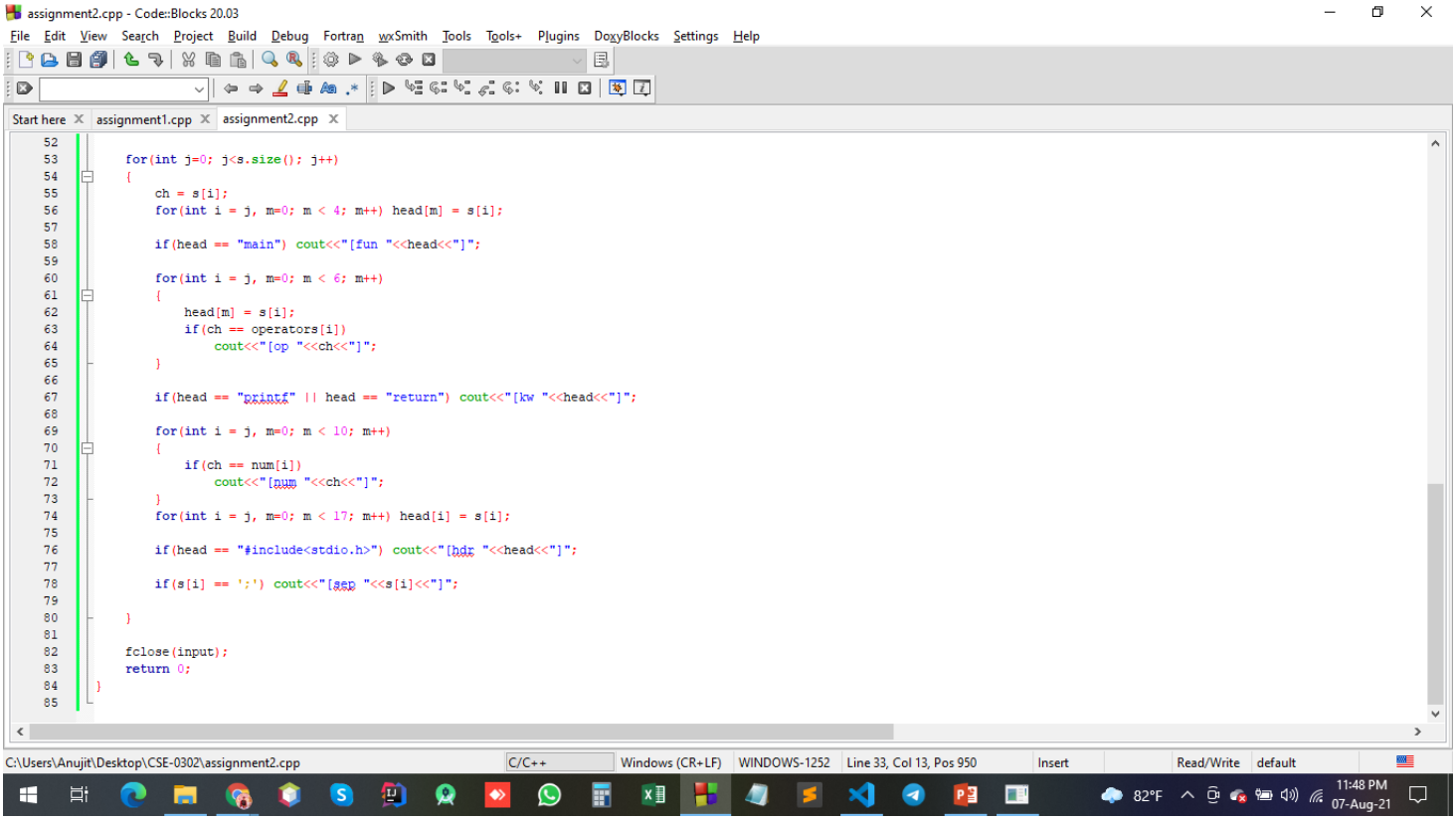
assignment2.cpp - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Start here
assignment1.cpp
assignment2.cpp
for(int j=0; j<s.size(); j++)
{
ch = s[i];
for(int i = j, m=0; m < 4; m++) head[m] = s[i];
if(head == "main") cout<<"[fun "<<head<<"]";
for(int i = j, m=0; m < 6; m++)
{
head[m] = s[i];
if(ch == operators[i])
cout<<"[op "<<ch<<"]";
}
if(head == "printf" || head == "return") cout<<"[kw "<<head<<"]";
for(int i = j, m=0; m < 10; m++)
{
if(ch == num[i])
cout<<"[num "<<ch<<"]";
}
for(int i = j, m=0; m < 17; m++) head[i] = s[i];
if(head == "#include<stdio.h>") cout<<"[hdr "<<head<<"]";
if(s[i] == ';') cout<<"[sep "<<s[i]<<"]";
}
fclose(input);
return 0;
}
C:\Users\Anujit\Desktop\CSE-0302\assignment2.cpp
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 33, Col 13, Pos 950
Insert
Read/Write
default
82°F
11:48 PM
07-Aug-21

Fig. 3. Code