

# Assignment 01

CSE-0302 Summer 2021

Anujit Deb

*Department of Computer Science and Engineering*

*State University of Bangladesh (SUB)*

Dhaka, Bangladesh

anujitdeb99@gmail.com

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

n

**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.


assignment1.cpp - Code::Blocks 20.03

File Edit View Search Project Build Debug Fortran wxSmith Tools

Start here X assignment1.cpp X assignment2.cpp X

```
1 // Debug Deb //
2 #include<bits/stdc++.h>
3 using namespace std;
4 #define optimise() ios_base::sync_with_stdio(0);cin.tie(0);cout.tie(0);
5 #define endl '\n'
6
7 int main()
8 {
9     optimise();
10    FILE *input;
11    FILE *output;
12    string s;
13    char p;
14    input = fopen("input.txt", "r");
15    output = fopen("output.txt", "w");
16
17    while(!feof(input))
18    {
19        p = fgetc(input);
20        s+=p;
21    }
22    cout<<s;
23    cout<<endl;
24
25    for(int i=0; i<s.size(); i++)
26    {
27        if(s[i] == '/' && s[i+1] == '/')
28            while(s[i] != '\n') i++;
29
30        else if(s[i] == '*')
31            while(s[i] != '/') i++;
32
33        else if(s[i]!=32 && s[i]!=9 && s[i]!='\n' && s[i]!='/' && s[i]!='*')
34        {
35            if(s[i-1] == ')') continue;
36            cout<<s[i];
37            fputc(s[i], output);
38        }
39    }
40
41    fclose(input);
42    fclose(output);
43    return 0;
44 }
```

Fig. 1. Assignment 1

 C:\Users\Anujit\Desktop\CSE-0302\assignment1.exe

```
#include<stdio.h>

int    main(void)
{
    //Single    Line Comment

    printf ("Hello");
    /* Multi
       Line
           Comment
    */
    printf("World");
    return 0;
}
#include<stdio.h>intmain(void){printf("Hello");printf("World");return0;}
Process returned 0 (0x0)    execution time : 0.104 s
Press any key to continue.
```

Fig. 2. Output