

Ahsanullah University of Science and Technology
Department of Computer Science and Engineering
Examination: Assignment 1 Session: Fall 2022
Year/Semester: 4/1 Course No: CSE4130
Course Title: Formal Languages and Compilers Lab

ASSIGNMENT #1:

Step 1: Design a console application where user will write a C program (given as sample input)

Step 2: Save the program in a separate file.

Step 3: Filter the newly created file by removing comments and white space (extra spaces, tabs and newline characters).

Step 4: Write the filtered output in another file.

Step 5: Show the filtered output in your console program.

Sample Input: input1.c

```
#include<stdio.h>

int  main(void)
{

// Single   Line Comment

printf ("Hello");
/* Multi
   Line
           Comment
*/
printf("World");
return 0;
}
```

Sample Output: output.txt

```
#include<stdio.h>int main(void){printf("Hello");printf("World");return 0;}
```