

International Islamic University Chittagong
Department of Computer Science and Engineering
B.Sc in CSE Autumn-2024
Course Code: CSE-3528 Course Title: Compiler Lab

Experiment no 1: Write a C program to Count the total No of Operators in an expression and identify that it is a valid expression.

1. a+b+c*d
2. +-abcd
3. +a*c+d
4. +abcd-
5. +abd- divided by a+b+c

Experiment no 2: Write a C program to Identify whether a given line is a comment or not.

Experiment no 3: Write a C program to construct a lexical analyzer that should ignore redundant space, tab, new lines and comments.

Input	Output
Enter the c program #include<stdio.h> int main(){ int a = 5; printf("%d",a); }	include is an identifier stdio is an identifier h is an identifier int is a keyword main is an identifier int is a keyword a is an identifier printf is an identifier d is an identifier a is an identifier total line: 6