

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 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