



Addis Ababa Institute of Technology
School of Information Technology and
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Compiler Design

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Chapter 2

Task 1: Write a program in LEX to count the no. of consonants and vowels for a given C and C++ source programs.

Solution: `./chapter-2/vowel_counter/`

Task 2: Write a program in LEX to count the no of: (i) positive and negative integers (ii) positive and negative fractions. For C and C++ source programs:

Solution: `./chapter-2/number_counter/`

Task 3: Write a LEX program to recognize valid C, C++, and Java programs.

Solution: `./chapter-2/valid_c_cpp_java_checker/`

Mini Language

Solution: `./chapter-2/mini-language/`

Chapter 3

Calculator

Solution: `./chapter-3/calculator/`

Mini Language

Solution: `./chapter-3/mini-language/`