

Indian Institute of Technology Roorkee
Department of Computer Science and Engineering
CSN-362: Compiler Laboratory (Spring 2024-2025)

Lab Assignment-3 (L3)

Date: 4 Feb 2025

Duration: 3 hrs

Problem Statement 1:

Use LEX and YACC tool for this problem. Write a LEX program to convert the substring “abc” to “ABC” in any given input string of any length.

Submission folder P1 should contains:

1. Source code file
2. Snapshot image files for at least 4 testcases after running the code on a given set of REs by the TA.

Problem Statement 2:

Use FLEX and BISON tool for this problem. Write a LEX program to scan and count the number of characters, words, spaces, and lines in a given input file.

Submission folder P2 should contains:

1. Source code file
2. Snapshot image file showing the outputs on the console after running the code on your C program file.