

**Indian Institute of Technology, Indore**  
**Computer Science & Engineering**  
**Computer Foundations: Compiler Design**  
**Assignment 1**  
**Date: 13/10/2023**

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1. Write a program to implement Regular Expressions in Flex Programming.
2. Given a C code, write a program to tokenize the code with keywords, identifiers, numbers, and operators.
3. Given a C code, extend a basic Flex lexer to handle lexical errors gracefully.