**Lab 1 :** Create a lexer for C language using the lex tool.

**Lab 2 :** Syntax Validation : To validate the syntax of a C program which consists of simple type declaration, if, if-else, and while constructs, Arithmetic/relational

expressions. Expression Evaluation : Given for example an input that contains statements such as, a=10, b=20, c= a+b. Evaluate the value of the expression i.e. c = 30.

**Instructions:**

1. It is strongly recommended to go through the Lab1 and Lab2 Instruction Slides which is already shared
2. Everyone should be present and bring your laptops
3. Lab programs should be executed individually
4. Install necessary tools in advance, don't come up with any technical glitch issues
5. Output should be shown within class timings (1 hour)