

# CS 358 Compiler Techniques Lab

## Assignment 1

Maximum Marks: 100

Start Date: 10.01.2025 02:30 PM

Submission Deadline: 17.01.2025 11:59 PM

### Instructions:

1. This assignment must be done individually.
2. *For late submissions, 10% is deducted for each hour late after an assignment is due.*
3. You need to submit your code and document in Google Classroom.
4. You should submit **ONLY ONE SINGLE PDF FILE** containing your code and material. You should name your pdf file as **rollNumber\_name.pdf**

**Question 1 [Marks: 30]:** Write a C program to test whether a given identifier is valid or not.

**Question 2 [Marks: 30]:** Write a C program to identify the tokens such as identifier, operator, and keyword of subroutine given by a user (take input from a file).

**Question 3 [Marks: 40]:** Write a C program to count number of spaces and number of lines and number of characters used in a file given by a user (take input from a file).