

# CS 358 Compiler Techniques Lab

## Assignment 8

Maximum Marks: 60

Start Date: 09.04.2024 02:30 pm

Submission Deadline: 15.04.2024 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 zip file** containing your code and document (ReadMe). You should name your zip file as **rollNumber&name.zip**.

**Question 1 [Marks: 10]:** Write a LEX and YACC code for converting infix to postfix expression.

**Question 2 [Marks: 10]:** Write a LEX and YACC code for converting binary number to decimal having decimal point.

**Question 3 [Marks: 20]:** Discuss error handling and recovery in Compiler Design with examples wherever possible (handwritten).

**Question 4 [Marks: 20]:** Discuss your detailed understanding of Compiler Design as a whole. Also, discuss different phases with input and output (handwritten).