

CS 358 Compiler Techniques Lab

Assignment 8

Maximum Marks: 60

Start Date: 28.03.2025 02:30 pm

Submission Deadline: 03.04.2025 11:59 pm

Instructions:

- This assignment must be done individually.
- *For late submissions, 10% is deducted for each hour late after an assignment is due.*
- You need to submit your code and document in Google Classroom.
- 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).