

CS 358 Compiler Techniques Lab

Assignment 7

Maximum Marks: 40

Start Date: 02.04.2024 02:30 pm

Submission Deadline: 08.04.2024 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 a binary number to decimal.

Question 2 [Marks: 10]: Write a LEX and YACC code to check valid email id.

Question 3 [Marks: 10]: Write a LEX and YACC code to detect if a given input is digit.

Question 4 [Marks: 10]: Write a LEX and YACC program to detect string with Grammar $\{ a^n b^n \mid n \geq 0 \}$