

CS 358 Compiler Techniques Lab

Assignment 6

Maximum Marks: 40

Start Date: 21.02.2025 02:30 pm

Submission Deadline: 27.02.2025 11:59 pm

Instructions:

1. This assignment can be done in groups.
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 file as your RollNumbers_GroupID.zip.

Question 1 [Marks: 20]: Write a LEX - YACC code to recognize a string of the form, any number of As followed by any number of Bs (e.g., AA....ABB...B).

Question 2 [Marks: 20]: Write a LEX - YACC program to recognize a valid arithmetic expression and identify the operands and operators present. (For example in a+b, total operands = 2, operator=1).