CS305 – Compiler Design Lab

8th September 2021 (2:00 – 4:00)

1. Implement a program to identify FIRST and FOLLOW sets for a given Grammar.

2. Write a program to construct a Parsing table for a grammar.

3. Write a program to implement LL1 Parser which takes string and Parsing table as input and determines whether the string is accepted by the grammar.

4. Extend the above program to print the Productions used while checking the acceptance of string.