PROGRAM TO BE DONE IN COMPILER DESIGN

1. Practice of LEX/YACC of compiler writing.

2. Write a program to check whether a string belong to the grammar or not.

3. Write a program to check whether a string include Keyword or not.

4. Write a program to remove left Recursion from a Grammar.

5. Write a program to perform Left Factoring on a Grammar.

6.Write a YACC program that parses simple arithmetic expressions

7.Combine LEX and YACC to create calculator that can evaluate arithmetic expressions with integers. Provide the necessary LEX and YACC code and explain how they interact.

8.Construct a recursive descent parser for an expression.

9.Write a program to show all the operations of a stack.

10.Write a program to find out the leading of the non-terminals in a grammar.

11. Write a program to Implement Shift Reduce parsing for a String.

12.Write a program to find out the FIRST of the Non-terminals in a grammar.

13. Write a program to check whether a grammar is operator precedent.

14.Implement Intermediate code generation for simple expressions.

15.Write program to minimize any given DFA.

16. Write program to convert NFA to DFA.