

## **C.1 LIST OF EXERCISES**

1. Develop the code for converting the given infix expression to postfix expression.
2. Find the non-deterministic finite automata from the regular expression given in Postfix form.
3. Construct the DFA from the given NFA.
4. Construct Predictive Parsing Table from the given grammar rules and use this table to parse the given sentence.
5. Construct the LR(0) parsing table from the given grammar rules
6. Use the Lex tool for the separation of token from a text.
7. Simulate a numerical calculator using the tool Lex and Yacc.
8. Construct hash table for the storage and retrieval of the symbol.
9. Generate the Intermediate code (Quadruples) from the given lexical and syntactical specification of a programming language using Lex and Yacc tools.
10. Generate the machine code from the given intermediate code.