Sr. No	Experiment Title	Date	Sign.
1	Write C/C++ program to identify keywords, identifiers (using DFA) and others from the given input file.		
2	a. Write a LEX program to count the number of tokens and display each token with its length in the given statements. Write a LEX program to identify keywords, identifiers, numbers and other characters and generate tokens for each.		
3	a. Write a LEX program to eliminate comment lines (single line and multiline) in a high-level program and copy the comments in comments.txt file and copy the resulting program into a separate file input.c. b. Write a LEX program to count the number of characters, words and lines in the given input. c. Write a LEX program to identify HTML tags/SQL tags.		
4	WAP to implement Recursive Decent Parser (RDP) for given grammar using C/C++/Java.		
5	Write a program to implement predictive parser for a given LL (1) grammar using C/C++/Java.		
6	WAP to construct operator precedence parsing table for the given grammar and check the validity of the string using C/C++/Java.		
7	a. Write a YACC program for desktop calculator with ambiguous grammar (evaluate arithmetic expression involving operators: +, -, *, / and). b. Write a YACC program for desktop calculator with ambiguous grammar and additional information. c. Design, develop and implement a YACC program to demonstrate Shift Reduce Parsing technique for the grammar rules: E E + T | T T T * F | F		

	F P F | P P (E) | id And parse the sentence: id + id * id.		
8	Write a program to implement pass-I and data structures of an assembler.		
9	Implement menu driven program to execute any 2 code optimization techniques on given code.		
10	Implement a toy compiler for any programming language.		