INDEX

S.N.	Labs	Date	Signature
1.	**Implementing Lexical Analyzer:** Implement a lexical analyzer to recognize identifiers, keywords, comments, strings, operators, and constants. Display token type and lexeme.	2082/05/15	
2.	**Implementing Symbol Table Operations:** Implement a symbol table to demonstrate the operations: insert, lookup and display. Maintain attributes such as identifier name, type, and scope.	2082/05/15	
3.	**Recursive Descent Parser:** Implement a recursive descent parser for the grammar. S → a A b A → a | ε	2082/05/15	
4.	**Implementation of Shift-Reduce Parsing:** Implement Shift-Reduce parsing for the following grammar and input string: a +a*a. E→E+E E→E*E E→ (E) E→a	2082/05/15	
5.	**Write a program to generate closure set on LR(0) items for the grammar:** S → A B A → a B → b	2082/05/16	
6.	**Intermediate Code Generation:** Write a program to generate three-address code for arithmetic assignment statement.	2082/05/16	
7.	**Target Code Generation:** Write a program to generate target code for a simple register-based machine.	2082/05/16	
8.	**Explain dynamic programming code generation algorithm with suitable example.**	2082/05/17	