**Lab programs for Internal-I**

1. Write a C program to identify a identifier, array and function in agiven input.
2. Write a lex program to recognize the tokens in a given program.
3. Write a C program to recognize the CFG and its productions.
4. Write a C program to avoid left recursion in single production.
5. Write a C program to avoid left recursion in multiple productions.
6. Write a lex program to check whether the given number is prime number or not.
7. Write a lex program to count number of vowels, consonants and number of lines in agiven pargraph.
8. Write a lex program to recognise the integers,float numbers,positive and negative numbers.
9. Write a C program to avoid left factoring in a single production.
10. Write a lex program to check whether the given number is armstrong number or not.