

## CS321 Compiler Lab

### Assignment-1

Do the following.

1. Write a LEX program to identify the articles present in an English sentence that will be entered from the keyboard.
2. Extend Program 1 to identify the verbs as well.
3. Write a LEX program to identify and display only the small letters in an English sentence entered from the keyboard.
4. Write a LEX Program to count the number of characters, words, spaces, end of lines in a given input file.
5. Write a LEX program to verify whether a date (format: dd/mm/YYYY) is valid or not.  
Input: 12/10/2023    12/22/2021        Output. Valid    Invalid.