Compiler LAb 1:

Lab Task: (Give Report)

|  |
| --- |
| 1. Write a python Program to Scan and Count the number of characters, words, and lines in a file. |
| 1. Write a python Program to implement DFAs that recognize identifiers, constants, and operators of the following language.   a) All strings of lowercase letters that contain the five vowels in order. b) All strings of lowercase letters in which the letters are in ascending lexicographic order. c) Comments, consisting of a string surrounded by /\* and \*/, without an intervening \*/, unless it is inside double-quotes (") |
|  |

**Flex:(Reading)**

https://www.geeksforgeeks.org/flex-fast-lexical-analyzer-generator/?ref=lbp