

Department of Computer Science and Engineering,SVNIT Surat
System Software
Lab Assignment 4

1. Write a Lex program to count the number of lines, characters and words of the given input file.
2. Write a lex program to find out the total number of vowels, and consonants from the given input string.
3. Write a Lex Program to convert Lowercase string to Upper case.
Input: abc Output: ABC
4. Program to count no of:
 - a) +ve and -ve integers
 - b) +ve and -ve fractions
5. Write a Lex program to check valid/invalid
 - (a) Mobile number (considering 10-digit mobile number followed by country code +91)
 - (b) Email address
6. Write a Lex program to implement a simple Calculator.
7. Program to recognize whether a given sentence is simple or compound.