

CS6109 - COMPILER DESIGN – LAB
Week 3 – 06.09.2022
(Observations)

1. Write regular definition to display the line of string for the following using LEX.
 - a. Comments consisting of string surrounded by /* and */ without intervening */, unless it is inside double-quotes (“
 - b. All strings of lowercase letters that contain the five vowels in order
 - c. All strings of digits with at most one repeated digit
 - d. All strings of a's and b's that do not contain the substring abb
2. Write a lex program to match any string of one or more digits with an optional prefix of + (or) -
3. Write a lex program to recognize strings under a^* , a^*b^+ , abb .