

Department of Computer Science and Engineering,SVNIT Surat
System Software
Assignment 7

1. Write a YACC and LEX program to implement a Calculator and recognize a valid arithmetic expression that uses operator +, -, *, /.
2. Write a YACC and LEX program to check whether given string is palindrome or not.
3. Write a program for implementing given grammar for computing the expression using semantic rules of the YACC tool and LEX.

Grammar: **S-> SS* | SS+ | a**

4. Write a YACC and LEX program to accept strings that starts and ends with 0 or 1.