

# CS6109 - COMPILER DESIGN – LAB

Week 5 – 20.09.2022

## (Spot Questions)

1. Append the next matched string to the current value of the yytext rather than replacing the contents of the yytext. Handle it for Uppercase and Lowercase. Find the start and end of a word for Uppercase and lowercase.

Input: The GIVen SENTence is SAME

2. Retain four initial characters in the yytext and returns the remaining characters to the input stream.

Input1: concatenation of two strings

Input 2: The GIVen SENTence is SAME

3. Convert an infix expression to postfix expression.

Input	Postfix
a + b * e	abe*+
a*(b+c)/d	abc+*d/
((a+b)*c)-d	ab+c*d-
(a+b)*c-(d-e)*(f+g)	ab+c*de-fg+*-

### Note:

- Consider the inputs for each program from text file.