20181CSE0621 Sai Ram 20181650621 Sai Ram 7-CSE-10 Part-B Q.4 . A lexical analyges by same yylend must be provided. · Using lex to produce yylend is a common choice.

It produces tokens consisting a q token have and its associated attribute value. #include <ctype.h> # indude < stdio. h> # define YYSTYPE double 1. token NUMBER 01. left 1+1 -1 1. left (\*) //1 1. right UMINUS lines: lines cape In (printf ("10g In 1, 42);} 1 lines / In) 1 tres 1 \* empty \*/ expr: capr + capr {\$\$=\$1+13;} 1 cmps '- 'engr { \$\$=\$1-\$3;} Temps (+ exps { \$\$ - \$1 \* \$ 3; } lemps "1" emps { \$ = \$ 1 [\$ 3 ; } lemps ('emps')' { \$ 1 = 12; } 1 (- ) emps of prec UMINUS & \$9 = -\$2.} INUMBER 0/0

		20181CSE0621 Sai Ram	Classmate  Date Page	
	yylen () {		-	
7	int c			
9	while (cx=getchoac)= if (cc=='.') Hidigit(c	= (1);		
	s magit (c			
	linget c (c stdin	):		
	Joly &	Hylvel),		
	Greturn NUMBER			
	neturn c;			
	9			
-7				
0)	10 ( C = 0 ) ( = 1 )			
	for (c=o; c, getchar c	2) = 1 ; (++		
	linget c (c. Stolin	\ .		
	Scanf (" fell " du	(val):		
	Scanf ("Felf", Gyy return NUMBER;			
	return ( )			
i]	if (c-getchar() [=')			
	30			
	linget c(e, stdin	"		
	Scand (" of y " of Sterran NUMBER;	iggloal);		
	Ly NUMBER	<b>V V</b>		
	return C;			
	2			
1				
1				