

Name: _____

Student ID: _____

SCS UNIX account under which lab was submitted: _____

Test file	Parts 1-2: Manipulation + Recognition	Part 3: AST
simpleterms	/ 2	/ 5
polyns	/3	/10
fncalls	/3	/ 2
indexedterms	/2	/ 3
expressions	/7	/ 10
simplestats	/5	/ 6
decls	/ 4	/ 4
ifloops	/6	/10
conditions	/7	/8
boolexprs	/5	/5
program	/ 1	/ 2
SubTotal	/ 45	/65
Lookaheads	• Whole grammar is LL(k) by default where $k > 1$	$k=2$ -7 $k > 2$ -15
	• Number of LOOKAHEAD(2)	0-2: +5 3-5 0 >5 -5
	• When $x = \text{number of LOOKAHEAD}(k)$ where $k > 2$	$k=3$ $-x * 2$ $k > 3$ $-x * 3$
	• Number of syntactic lookaheads	0-1 +2 2-3 0 >3 -5
	• Syntactic lookaheads grab too many tokens	Down to -10
	Late Penalty	• Nov 7: -4; Nov 8: -16; Nov 9: -64; later: - 100

TOTAL

/ 100