

CS 5100/4100 Syntax Analyzer Grade Sheet– PART A (150 Total Points)

1. Explicit Code Requirements (50 pts)

Program shows good logical structure, SE practice, maturity, comments	20	_____
Switchable ENTRY/EXIT message method used to trace non-terminals	15	_____
Error recovery halts recursion and exits ASAP	15	_____

2. Implemented ALL Non-terminal Methods as in CFG- NO SHORTCUTS (50 pts):

<program> , <prog-identifier> , <block>	10	_____
<statement> , <variable> , <simp exp>	10	_____
<sign> , <term> , <addop>	10	_____
<factor> , <mulop> , <unsigned constant>	10	_____
<unsigned number> , <identifier>	10	_____

3. Turn-in requirements (must be present to be accepted for grading)

Readable source , syntax highlight, complete (Except no Foundation or Lexical source)	OK	_____
CFG turned in , accurate , in MAIN comments	OK	_____
Overall appearance in organized PDF	OK	_____

4. Results requirements (50 points)

Display the ENTER/EXIT and tokens in the order they are encountered.

Run #1	GoodtreeA.txt , 1 run, verbose w/correct tokens and entry/exit trace	15 points	_____
	Show Syntax Tree from output using ENTRY pts	15 points	_____
Run #2	BadProg1.txt , Show: xxx expected, but yyy found	10 points	_____
Run #3	BadProg2.txt , Show: xxx expected, but yyy found	10 points	_____
	Show all GetNextToken-detected errors from Lexical		

Verbose defined to have: 1) source line, 2) each lexeme & mnemonic, 3) enter/exit tags, 4) error as close as possible to source line

Non-verbose has: 1) source line, 2) no tokens, 3) error found

Name _____

TOTAL _____