

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

### 1. Explicit Code Requirements (50 pts)

<b>Program</b> shows good logical structure, SE practice, maturity, comments	20	_____
<b>Error recovery</b> as specified-halts recursion	10	_____
<b>Error recovery</b> resynch to start of statement	10	_____
<b>Error recovery</b> handles multiple errors, best way	10	_____

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

<label-declaration>, <variable-dec-sec> <variable-declaration>	10	_____
<statement>[ALL]	20	_____
<relexpression>, <relop>, <label>	10	_____
Non-terminals from part A	10	_____

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

<b>Readable source</b> , syntax highlight, complete (Except no Foundation or Lexical source)	OK	_____
<b>CFG turned in, accurate</b> , in MAIN comments	OK	_____
<b>Overall appearance, presentation</b> folder	OK	_____

### 4. Results requirements (50 points)

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

<b>Run #1</b>	Part 3B- Good Testfile 1.txt, 1 run, <b>verbose</b> w/correct tokens and entry/exit trace	25 points	_____
<b>Run #2</b>	Part 3B- Bad Testfile 1.txt, <b>not verbose</b> , Finds all errors and re-synchs	25 points	_____

**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) errors found, as close as possible to source line

Name \_\_\_\_\_

TOTAL \_\_\_\_\_