

**SG400 Compiler & Interpreter Design  
Content Grading Rubric**

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Project: **KGA #1: Interpreter Project**

Elements	4 Excellent	3 Proficient	2 Marginal	1 Needs Improvement	Score
Pseudo Code	Provides thorough pseudo code describing the program to be written.  Accurately converts the regular expressions into corresponding Finite State Automata.	Provides pseudo-code describing the program to be written for most of the expressions, but not all.  Accurately converts 80% of the regular expressions into the corresponding Finite State Automata.	Pseudo-code does not accurately reflect the grammar as provided.  The regular expressions generated from the grammar are not all accurate, therefore making the conversion to the corresponding Finite State Automata incorrect.	Pseudo-code not provided for the grammar provided.  Regular expressions were not generated correctly for the provided grammar.	
Code Generation	Creates code that is functional and covers each of the required tasks listed in the assignment.	Creates code that is functional for the basic expressions, but not when calling a function or creating a new type.	Creates code that does not correspond to the input program, but the code will run.	Does not create code or creates code that does not correspond to the input program, and the code that is generated does not run.	
Reflection Paper	Discusses the challenges and skills learned in completing the assignments in detail.  Provides specific examples.	Discusses the challenges and skills learned in completing the assignment in detail, but does not provide any specific examples.	Discusses the challenges and skills learned in completing the assignment, but not in much detail.	Does not really discuss specific examples related to this assignment, but very generic and vague terms.	

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**Based on the above criteria the student's grade for this assignment is:** \_\_\_\_\_  
(total the points for each element scored and average for a final grade)

Comments to the Student: