

**Author Identification Block**

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**CRN:** 21950, Spring, 2020  
**Course:** CMSC 4023 – Programming Languages  
**Project:** p01  
**Due:** February 12, 2020  
**Project Account Number:** tt000

<b>Scoring Block</b>			
<b>Component</b>	<b>Available</b>	<b>Earned</b>	<b>Explanation</b>
Compilation			A zero (0) is recorded for the entire project if the project fails to compile without errors or warnings.
Submission Instructions	10	10	<ul style="list-style-type: none"> <li>• A zero (0) is recorded for this component if the project is stored in a folder other than the root directory of the project account.</li> <li>• A zero (0) is recorded for this component if the project makefile fails to function correctly.</li> <li>• A zero (0) is recorded for this component if any file name differs from specifications.</li> <li>• A zero (0) is recorded if source files are not recorded in separately titled sections of this document.</li> <li>• A zero (0) is recorded for this component if the author identification block is copied or completed incorrectly.</li> <li>• A zero (0) is recorded for the component if the Scoring block is copied incorrectly.</li> </ul>
Author Identification	5	5	A zero (0) is recorded for this component if any source file including the makefile does not have a complete author identification block for both team members.
Command Line	5	5	A zero (0) is recorded for this component if command line arguments are not processed according to project specifications.
Output file	5	5	A zero (0) is recorded for this component if the output file is not created or not named according to project specifications.
Execution	25	25	<ul style="list-style-type: none"> <li>• Five (5) points are subtracted from this component if comments are not properly managed.</li> <li>• Up to five (5) points are subtracted from this component if all legal forms of character literals are not recognized and all illegal forms rejected.</li> <li>• Up to five (5) points are subtracted from this component if all legal forms of real literals are not recognized and all illegal forms rejected.</li> <li>• Up to five (5) points are subtracted from this component if all reserve words are not recognized.</li> <li>• Up to five (5) points are subtracted from this component if all punctuation is not recognized.</li> </ul>
<b>Total</b>	<b>50</b>	<b>50</b>	

File p01make:

File p01.cpp:

File p01lex.l

File p01lex.h

File p01tkn.h