

## OPEN LAB TWO EVALUATION RUBRIC

	Description	Points
<b>Program Development</b>	If program has compilation error.	-50
	If program terminates with run time error.	-50
<b>Documentation</b>	Main Comment Block contains: (due date (1), author name(1), course-section #(1), and program description (2)).	5
	Comments have been added to each group of logically related statements <ul style="list-style-type: none"> <li>- above each decision statement (if, if/else)</li> <li>- above each loop statement</li> <li>- above one or more sequence statements that together accomplish a cohesive task</li> <li>- above the user-defined function</li> </ul>	10
<b>Style</b>	Variable: <ul style="list-style-type: none"> <li>• Meaningful variable names are used unless specified by the program description</li> <li>• Variable naming convention is followed</li> <li>• No global variable is used</li> </ul>	5
	Indentation and white spaces are used to make the program easier to read. <ul style="list-style-type: none"> <li>• All the decision statements are indented properly.</li> <li>• All the repetition statements (loops) are indented properly</li> <li>• Blank lines are used in front of each block of logically related statements</li> </ul>	5
<b>Program Requirements</b>	<ul style="list-style-type: none"> <li>• Value returning user defined function is used in each of the program as specified</li> <li>• C++ file operation steps are used correctly for problem 2.</li> </ul>	20
<b>Correctness</b>	<ul style="list-style-type: none"> <li>• Program outputs shown in the required format as specified in the project description (10 pts)</li> <li>• problem 1 : program correctly prints all the perfect numbers between 0 and 10000 (25 pts)</li> <li>• problem 2 : the original strings and the acronym of each string are displayed in the form specified (25 pts)</li> </ul>	60
<b>TOTAL</b>		100