**Open Lab TWO** Evaluation RUBRIC

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|  | **Description** | **Points** |
| **Program Development** | If program has compilation error. | -50 |
|  | If program terminates with run time error. | -50 |
| **Documentation** | 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   * above each decision statement (if, if/else) * above each loop statement * above one or more sequence statements that together accomplish a cohesive task * above the user-defined function | 10 |
| **Style** | Variable:   * Meaningful variable names are used unless specified by the program description * Variable naming convention is followed * No global variable is used | 5 |
|  | Indentation and white spaces are used to make the program easier to read.   * All the decision statements are indented properly. * All the repetition statements (loops) are indented properly * Blank lines are used in front of each block of logically related statements | 5 |
| Program Requirements | * Value returning user defined function is used in each of the program as specified * C++ file operation steps are used correctly for problem 2. | 20 |
| **Correctness** | * Program outputs shown in the required format as specified in the project description (10 pts) * problem 1 : program correctly prints all the perfect numbers between 0 and 10000 (25 pts) * problem 2 : the original strings and the acronym of each string are displayed in the form specified (25 pts) | 60 |
| **TOTAL** |  | 100 |