**Open Lab Four** 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 | 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 |
| **Correctness** | Program solves the assigned problem using methods described in program description.   * At least 3 user defined functions are implemented as discussed in the project description (18 pts) * Correct type of parameters (value or reference) are used in each user defined function (4 pts) * Correct type of functions (void or value returning) (3 pts) | 25 |
| Program produces the correct output when tested using different user input.   * Output in table format (5 pts) * Correct class names are displayed (15 pts) * Correct number of boxes sold by each class is displayed (15 pts) * The winning class name is correct (15 pts) | 50 |
| **Bonus** |  | 10 |
| **TOTAL** |  |  |