

# **OPEN LAB FOUR 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> </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>Correctness</b>	Program solves the assigned problem using methods described in program description. <ul style="list-style-type: none"> <li>- At least 3 user defined functions are implemented as discussed in the project description (18 pts)</li> <li>- Correct type of parameters (value or reference) are used in each user defined function (4 pts)</li> <li>- Correct type of functions (void or value returning) (3 pts)</li> </ul>	25
	Program produces the correct output when tested using different user input. <ul style="list-style-type: none"> <li>- Output in table format (5 pts)</li> <li>- Correct class names are displayed (15 pts)</li> <li>- Correct number of boxes sold by each class is displayed (15 pts)</li> <li>- The winning class name is correct (15 pts)</li> </ul>	50
<b>Bonus</b>		10
<b>TOTAL</b>		