

# OPEN LAB **SEVEN** 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>- <b>above each function definition (3 pts)</b></li> </ul>	8
<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>	2
	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>- <b>Sorted linked list</b> is used to store the parts</li> <li>- 4 user defined functions are implemented as discussed in the project description</li> <li>- Correct type of parameters and correct function return types are used in each user defined function</li> <li>- Main function logic is implemented correctly where a loop is used to iterate through all the operations in the data file</li> </ul>	30
	Program produces the correct output. <ul style="list-style-type: none"> <li>• Makefile used for compiling and generating executable file</li> <li>• Table of parts and quantities before the operations</li> <li>• Table of parts and quantities after the operations performed</li> </ul>	50
<b>TOTAL</b>		