

## Programming Project Grading Rubric

Program Layout (Visual appeal)	<ul style="list-style-type: none"> <li>- Rarely uses proper naming conventions</li> <li>- Poor or incomplete source code documentation</li> <li>- Rarely uses consistent conventions (indenting, braces, headers etc.)</li> <li>- Rarely employs proper use of white space</li> </ul>	<ul style="list-style-type: none"> <li>- Uses proper naming conventions some of the time</li> <li>- Source code documentation available but missing some components</li> <li>- Consistent Conventions (indenting, braces, headers etc.) used some of the time</li> <li>- Proper use of white space some of the time</li> </ul>	<ul style="list-style-type: none"> <li>- Uses proper naming conventions most of the time</li> <li>- Excellent source code documentation</li> <li>- Excellent consistent Conventions (indenting, braces, headers etc.)</li> <li>- Excellent use of white space</li> </ul>	
15 Points				
Attribute	(0-5) Points	(6-11) Points	(12-15) Points	Points
Program Design	<ul style="list-style-type: none"> <li>- Rarely employs modularity (proper use of parameters, local variables etc.)</li> <li>- Rarely employs correct &amp; appropriate use of programming structures</li> <li>- Poorly structured or inefficient algorithm</li> <li>- Rarely uses proper I/O (prompt &amp; echo input, clear and properly formatted output messages etc.)</li> </ul>	<ul style="list-style-type: none"> <li>- Employs Modularity (proper use of parameters, use of local variables etc.) some of the time</li> <li>- Employs correct &amp; appropriate use of programming structures some of the time</li> <li>- Efficient algorithms used some of the time</li> <li>- Uses proper I/O (prompt &amp; echo input, clear and properly formatted output messages etc.) some of the time</li> </ul>	<ul style="list-style-type: none"> <li>- Employs Modularity (proper use of parameters, use of local variables etc.) most of the time</li> <li>- Employs correct &amp; appropriate use of programming structures most of the time</li> <li>- Efficient algorithms used most of the time</li> <li>- Uses proper I/O (prompt &amp; echo input, clear and properly formatted output messages etc.) most of the time</li> </ul>	
15 Points				
Attribute	(0-4) Points	(5-7) Points	(8-10) Points	Points
Test Data	No test data suite included or described	Some test data included but some vital functionality not tested	Excellent test data suite included	
10 Points				
Attribute	(0-30) Points	(31-50) Points	(51-60) Points	Points
Functionality	<ul style="list-style-type: none"> <li>- Program does not compile</li> <li>- Program does not execute on sample data</li> <li>- Few requirements were fulfilled</li> </ul>	<ul style="list-style-type: none"> <li>- Program compiles</li> <li>- Program executes on some sample data</li> <li>- Meets most requirements</li> </ul>	<ul style="list-style-type: none"> <li>- Program Compiles</li> <li>- Program executes on all sample data</li> <li>- Meets all requirements</li> <li>- Additional useful functionality provided</li> </ul>	
60 Points				