

Programming

Rubric	Programming			
Category of Assessment	Inadequate	Needs Improvement	Adequate	Excellent
Correctness	The program is producing incorrect results.	The program produces correct results but does not display them correctly.	The program works and produces the correct results and displays them correctly. It also meets most of the other specifications.	The program works and meets all of the specifications.
Good Program Structure	The code is poorly organized and very difficult to read.	The code is readable only by someone who knows what it is supposed to be doing.	The code is fairly easy to read.	The code is exceptionally well organized and very easy to follow.
Implemented Pre/Post Conditions	No Pre/Post Conditions in the Program	Attempt at Pre/Post Conditions, but missing in placement and structure	Pre/Post Conditions in code but contain errors	Pre/Post Conditions Implemented in the Code and Correctly Corresponding to Pseudocode
Correct Program Headers	The documentation is simply comments embedded in the code and does not help the reader understand the code.	The documentation is simply comments embedded in the code with some simple header comments separating routines.	The documentation consists of embedded comment and some simple header documentation that is somewhat useful in understanding the code.	The documentation is well written and clearly explains what the code is accomplishing and how.
Implemented Invariants in Program	No Invariants in the Program	Attempt at Invariants, but missing in several placements and structure	Invariants in code but incorrect or missing placement	Invariants Implemented in the Code and Correctly Corresponding to Pseudocode
Pseudocode with Invariants and Pre/Post Conditions	No Pseudocode	Attempted Pseudocode, but no or minimal pre/post conditions or invariants	Invariants and Pre/Post Conditions present but contain errors	Pseudocode correctly describes program and contains correct pre/post conditions and invariants.
Problems Encountered	No Problems	Problems are Not Relevant	Problems are Trivial	Full Discourse of Problems Encountered
Testing	No test results	Testing only one data point	Multiple test data testing some boundary values	Multiple test sets and results testing all boundary cases

Assessment

Rubric	Programming				
Category of Assessment	Inadequate	Needs Improvement	Adequate	Excellent	Score
Correctness	0	10	20	25	
Implemented Pre/Post Conditions	0	2	4	5	
Correct Program Headers	0	2	4	5	
Implemented Invariants in Program	0	5	10	15	
Pseudocode with Invariants and Pre/Post Conditions	0	2	4	5	
Problems Encountered	0	2	4	5	
Testing	0	4	6	10	
Total					

Summary of Assessment**Improvement Suggested**