CMPT 214 Midterm Rubric

Title: CMPT 214 Midterm Rubric

Criteria	Ratings					Pts
Q1: Correctness Range	**10 pts Exceptional** Flawless to nearly flawless. Meets all stated requirements, or misses a small detail of one or two requirements at most.	**8 pts Good** Mostly meets the stated requirements. To a minor degree, requirements are not met, were implemented incorrectly, or were implemented against best practices.	**6 pts Fair** Meets some of the stated requirements. To a major degree, requirements are not met, were implemented incorrectly, or were implemented against best practices. A program that does not compile cannot score higher than this level.	**3 pts Poor** Mostly does not meet the stated requirements. The program is almost entirely incorrect, but there is evidence of a genuine attempt to write the program correctly.	**0 pts Incomplete/Not Attempted** The question was not attempted at all, or there is no evidence of any credible attempt, or demonstration of mastery of any learning objectives.	10 pts
Q1: Choice of Data Structures Range						

	4.0 pts Exceptional	3.0 pts Good	2.0 pts Fair	1.0 pts Poor	0.0 pts Incomplete/Not Attempted	
	Flawless to nearly flawless. Choices of data structures and types are ideal and efficient.	Choices of data structures are mostly ideal and efficient, but there are slightly better choices in some aspects.	Choices of data structures are functional, allow the program to meet the stated requirements, but are not optimal and there is clearly a better option for some or all of the major data type/structure choices.	The choices for data structures actually make it harder than necessary to write the program to achieve its stated requirements, and/or are excessively complicated, or specifically prevent the stated requirements from being met.	The question was not attempted at all, and/or the solution was not developed to the point that choices for data structures and types could be made.	4.0　pts
Q1: Efficiency Range ☐						

	2.0 pts Exceptional	1.5 pts Good	1.0 pts Fair	0.5 pts Poor	0.0 pts Incomplete/Not Attempted	
	Flawless to nearly flawless. The program logic is elegant and solves the problem with good efficiency.	The program logic is reasonably efficient, and not overly complicated.	The program logic is of below average efficiency and could be improved with some better choices. Some aspects of the program are overly complex or solve the problem in an inelegant or round-about way.	The program logic is egregiously inefficient and/or complicated.	The question was not attempted at all, and/or the solution was not developed to the point that program efficiency can be assessed.	2.0 pts

	1.0 pts Acceptable		0.0 pts Not Acceptable			
Q1: Error Handling Range ☐	Error handling is done for operations consistent with where we have shown its use in this course in a correct and acceptable manner.		Error handling is not done where have demonstrated its use in this course, or has been done incorrectly.			1.0 pts
Q1: Commenting and						

Readability Range ☐	3.0 pts **Acceptable** Comments are regularly placed in logical places documenting small blocks of code. Comments are informative and helpful. The purpose, parameters, and return values of functions are consistently well-documented. Whitespace and indenting are used consistently to produce very easy-to-read code.	1.5 pts **Borderline** There is some commenting, but it is insufficient in its frequency and/or they comments themselves are sometimes not meaningful or helpful. Functions are routinely missing some information on purpose, parameters, and return values. Whitespace and indenting are used inconsistently, making the code somewhat difficult to read.	0.0 pts **Unacceptable** There is little to no commenting and/or comments are consistently trifling, meaningless and/or not helpful. Whitespace and indenting are used very inconsistently, or not at all making the code very difficult to read.	3.0 pts

+ **Criterion** 🔍 **Find Outcome**   Total Points: 20

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