CIS*4650 (Winter 2025) - Marking Scheme for Checkpoint Three

Group	Features	Comments
	Documentation (10)	
	Prelude and finale (6) - Check the assembly code	
	Arithmetic and assignments (12)	
	Control structures (12) - working on fac.cm and booltest.cm - if-then-else - while-loop	
	Functions and recursions (14) - working on gcd.cm and mutual.cm - functions and self-recursion - mutual recursion	
	Nested blocks within functions (6)	
	Arrays and array parameters (12) - working on sort.cm	
	Runtime errors (4) - Index out of range	
	Scanning and Parsing (12) - Major token types - Generating AST's - Error recovery (basic, major, extensive)	
	Type checking (12) - Hash table - Error detection (undefined/redefined) - Two sides of an operator - Two sides of an assignment - Test conditions for "if" and "while" - Array index - Function calls and returns - Error recovery for type-checking	
	Total mark (100):	