COMP 520 Compiler Design Winter 2020

Milestone 4 Rubric

GROUP #

PROGRAMS

BENCHMARKS	1 GoLite benchmark per team member	/5
	(a) Program is valid according to the reference compiler	
	(b) Program computes the solution to a real world problem	
	(c) Program runs for around 5s	

IMPLEMENTATION

SEMANTICS	Compiler is tested on a set of valid GoLite semantics programs using the codegen option. For each test program: (a) The compiler must exit with status code 0 and output OK (b) The generated code must implement the correct semantics	/30
PERFORMANCE	Compiler is tested on a set of valid GoLite benchmark programs using the codegen option. For each test program: (a) The compiler must exit with status code 0 and output OK (b) The generated code must perform reasonably well (for compiled languages comparable to C, for dynamic languages compared to Python)	/10
CODE QUALITY	Evaluating the quality of your submission (a) Code runs with no modifications on the Trottier machines (appropriate build and run scripts) [2 points] (b) Code is organized, well written, and well tested [3 points]	/5

COMMENTS