# COMP 520 Compiler Design Winter 2018

Milestone 4 Rubric

## GROUP #

### **PROGRAMS**

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

#### **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 display 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	<ul> <li>Evaluating the quality of your submission</li> <li>(a) Code runs with no modifications on the Trottier machines (appropriate build and run scripts) [2 points]</li> <li>(b) Code is organized, well written, and well tested [3 points]</li> </ul>	/5

#### **COMMENTS**

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