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PROGRAMS

VALID	2 valid test programs per team member (a) Program is valid according to the reference compiler (b) Program computes the solution to a real world problem	/5
INVALID	10 invalid test programs per team member (a) Program is invalid according to the reference compiler (b) Program shows a unique scanner or parser error	/5

IMPLEMENTATION

VALID	The scanner and parser are tested on a set of valid GoLite programs. For each test case, the compiler must exit with status code 0 and output OK	/9
	Given a complete GoLite program (a) The tokens keyword generates the complete list of tokens (b) Tokens are output with their respective value if appropriate (i.e. string contents)	/2
INVALID	The scanner and parser are tested on a set of valid GoLite programs. For each test case, the compiler must exit with status code 1 and output Error: <description>	/9
	Compiler generates appropriate error messages for invalid programs	/1
PRETTY PRINTING	pretty compiler option outputs pretty printed code to stdout (a) Output is valid GoLite and equivalent to the input [2 points] (b) Output is "pretty" (tabs, newlines, spaces, etc.) [1 point]	/3
AST	Compiler generates an AST for syntactically valid programs (a) AST contains no CST nodes or extra tokens	/2
CODE QUALITY	Evaluating the quality of your submission (a) Code runs with no modifications on the Trottier machines (appropriate build.sh and run.sh scripts) [2 points] (b) Code is organized, well written, and well tested [2 points]	/4

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REPORT

GOLITE	An ideal report for your compiler should contain enough information of the problems/solutions to re-implement a fully functional compiler (in the range of 5 pages). For each section (scanner, parser, AST, pretty printer) we evaluate if: [8 points] Explanation of problems and/or solutions is sufficient to implement a fully functional GoLite compiler [6 points] Explanation of problems and/or solutions is missing some minor details that are necessary to implement the GoLite specification [4 points] Explanation of problems and/or solutions is missing major necessary implementation details [2 points] Explanation of problems and/or solutions is minimal and does not contain important information	/8
	Description of the implementation language and tools and the impact on your project	/1
	Description of group organization and individual contributions	/1

COMMENTS