UNIVERSITY AT ALBANY
STATE UNIVERSITY OF NEW YORK

Interpreter

Activity: 8 - Interpreter 2

Course: ICSI311-Principles Programming Lang (6398)

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Criteria	great	good	ok	poor	Criterion Score
Code Style	10 points Good naming, non-trivial methods well commented, static only when necessary, private members (10)	6 points Mostly good naming, most necessary comments (6)	3 points Some good naming, some necessary comments (3) ✔	0 points Few comments, bad names (0)	3 / 10
Criterion Feedback essential comments missing.					
Unit Tests	10 points All functionality tested (10)	6 points Missing tests (6) ✔	3 points At least one (3)	0 points Don't exist (0	6 / 10
Criterion Feedback few test cases are missing.					
AssignmentNode	10 points Evaluates both sides and assigns value (10) ✔	0 points	5 points Attempted (5	0 points Doesn't exist(0)	10 / 10
ConstantNode	5 points Creates new IDT (5) ✔	0 points	0 points	0 points Doesn't exist(0)	5 / 5
FunctionCallNode	5 points Calls stubbed out RunFunctionCall (5) ✔	0 points	0 points	0 points Doesn't exist(0)	5 / 5
PatternNode	5 points Throws exception with good error message (5) ✔	0 points	0 points	0 points Doesn't exist(0)	5 / 5
TernaryNode	5 points Evaluates condition, then either true or false condition (5)	0 points	0 points	0 points Doesn't exist(0) ✔	0 / 5

Criteria	great	good	ok	poor	Criterion Score
VariableReferenceNode	5 points Handles both arrays and scalars (5) ✓	4 points Handles arrays (4)	2 points Handles scalars (2)	0 points Doesn't exist	5 / 5
Operations – Math	5 points Handles +,-,*,/,^,% (5) ✓	0 points	2 points Handles at least one (2)	0 points Doesn't exist	5 / 5
Operations – Compare	10 points All work for strings and numbers (10) |w Criterion ✓	0 points	5 points All work for strings OR numbers (5)	0 points Doesn't exist	10 / 10
Operations – Boolean	5 points And, or, not work as expected (5) ✓	0 points	3 points At least one works (3)	0 points Doesn't exist	5 / 5
Operations – match	5 points Uses Java match (5) ✓	0 points	0 points	0 points Doesn't exist	5 / 5
Operations – dollar	5 points Evaluates dollar expression and assigns (5) ✓	0 points	0 points	0 points Doesn't exist	5 / 5
Operations – pre/post/unary	5 points Updates and returns correct value (5) ✓	0 points	0 points	0 points Doesn't exist	5 / 5
Operations – Concatenation	5 points Concatenates and returns new value(5) ✓	0 points	0 points	0 points Doesn't exist	5 / 5
Operations – In	5 points Returns 1 or 0 and throws appropriate error messages (5) ✓	0 points	0 points	0 points Doesn't exist	5 / 5

Total	84 / 100

Overall Score

Level 4 ✓	Level 3	Level 2	Level 1