

Untitled

Activity: 10 - Interpreter 4

Course: ICSI311-Principles Programming Lang (6398)

Name: Rusho Bin Nabi

| Criteria | Level 4 | Level 3 | Level 2 | Level 1 | Criterion Score |
|---------------------------------|--|---|---|-------------------------------------|-----------------|
| Code Style | 10 points Good naming, non-trivial methods well commented, static only when necessary, private members ✓ | 6 points Mostly good naming, most necessary comments | 3 points Some good naming, some necessary comments | 0 points Few comments, bad names | 10 / 10 |
| InterpretProgram | 10 points Runs start and end blocks, calls SplitAndAssign, runs other blocks for each line of input (10) ✓ | 6 points | 3 points | 0 points None (0) | 10 / 10 |
| InterpretBlock | 10 points Evaluates condition, calls InterpretListOfStatements() if condition is true (10) ✓ | 6 points | 3 points | 0 points None (0) | 10 / 10 |
| RunFunctionCall – non-variadic | 10 points Checks parameter count, maps parameters into new hash map, calls Execute or InterpretListOfStatements (10) ✓ | 6 points Two of: Checks parameter count, maps parameters into new hash map, calls Execute or InterpretListOfStatements (6) | 3 points One of: Checks parameter count, maps parameters into new hash map, calls Execute or InterpretListOfStatements (3) | 0 points None | 10 / 10 |
| RunFunctionCall – variadic | 10 points Maps non-variadic parameters, makes array, calls Execute (10) ✓ | 6 points Two of: Maps non-variadic parameters, makes array, calls Execute (6) | 3 points Maps non-variadic parameters, makes array, calls Execute (3) | 0 points None | 10 / 10 |
| Unit Tests - Conditional blocks | 10 points Shown to work (10) ✓ | 6 points | 3 points | 0 points None | 10 / 10 |

| Criteria | Level 4 | Level 3 | Level 2 | Level 1 | Criterion Score |
|---|--------------------------------------|----------|----------|------------------|-----------------|
| Unit Tests - User created function w/ calls | 10 points Shown to work (10) ✓ | 6 points | 3 points | 0 points None | 10 / 10 |
| Unit Tests - Input processing | 10 points Shown to work (10) ✓ | 6 points | 3 points | 0 points None | 10 / 10 |
| Unit Tests - Math and Logic | 10 points Shown to work (10) ✓ | 6 points | 3 points | 0 points None | 10 / 10 |
| Unit Tests - Loops | 10 points Shown to work (10) ✓ | 6 points | 3 points | 0 points None | 10 / 10 |

| | |
|-------|-----------|
| Total | 100 / 100 |
|-------|-----------|

Overall Score

Level 4



Level 3

Level 2

Level 1