

CIIC 4030/ICOM 3046 Programming Languages

Assignment #4

This assignment will expand the PLY-based parser in assignment #3, making the parser behave as an interpreter. In this case, you must implement an additional file `interpreter.py` that works with the scanner and parsers to interpret the new language. The interpreter must:

1. Check types and operators
2. Produce error messages
3. Execute the abstract syntax tree.

You must submit through Moodle the following files:

1. `scanner.py`
2. `parser.py`
3. `interpreter.py`
4. `main.py`
5. `report.pdf`

The `report.pdf` describes the implementation and testing you performed. It must include screenshots of the testing results. You have to develop your testing cases.