

MYPL REPL Project Update:

For the REPL to work under the scope defined in the project specification, there must be some changes to the parser, type_checker, and interpreter.

Changes to Parser:

- A statement outside of a Function or Type declaration will not present an error.
 - Change parse function to accommodate for statements outside of Decl
 - Add repl(REPL& node) function to Parser that parses through a Function-like environment without the constraints of a function
 - Update ast.h to include class REPL: public Decl

Changes to Type Checker:

- REPL session does not require a main function:
 - Instead of an error, the type_checker will check if this is a REPL session and then type check the REPL environment.
- add TypeChecker::visit(REPL& node) function that is a type of Decl and will be pushed as an environment into the global environment