

Compiler HW4

Parser abilities:

1. Push a symbol table when entering a scope and pop it when exiting the scope
2. Insert entries for variable, parameters, constant, procedure, function definition, function declaration
3. Can recognize some duplicated variables names, and insert the first one into symbol table
4. Can recognize some duplicated function names, and insert the first one into symbol table
5. Some type coercion
6. The initialize value must match the scalar type

Platform:

Linux work station of CS

How to run:

1. Get into the directory and put the input file in it
2. % make
3. % ./parser [input file]