

Compiler Program #3

And you thought you were finished with the compiler?!

This time, you are to even further extend the Pascal0 compiler so that it can correctly parse and generate the p-Code for the following constructs:

- Functions
- AND
- OR
- NOT

Use your current version of the compiler (i.e., the one that you modified and turned in for Compiler Program #2). Several valid and error test files to run your compiler against are located on the class Web site. Note that I will be using these to test your compiler!

You must extend the last version of your compiler. You must use the given test data to test your compiler and to show that it can successfully parse and generate the p-Code. Please, please, please **comment your modifications to the compiler**. It would be nice to see some comments before your additions or modifications such as “begin added/modified” followed by your additions or modifications followed by “end added/modified”. Remember, asterisks (*) are your friend!

Upload your modified compiler (I do not need any of the test cases or compiler output) using the upload facility on the class Web site.

ANOTHER NOTE: Do not turn in a non-working compiler. Double-check all compiler-generated p-Code by hand (yes, work out the p-Code manually). There is enough time to see me in my office for assistance before the due date for this assignment.