

CSE 3302 Lab Assignment 4

Due April 11, 2013

Goal:

Understanding of Pascal and run-time system concepts.

Requirements:

1. Extend your Lab 1 solution (or mine) to include the passing of (integer) arguments by value:
 - a. If a procedure has *formal parameters*, their names will appear in parentheses separated by commas immediately after the name of the procedure being declared.
 - b. When calling a procedure requiring values to be passed, the *actual parameters* (as integer expressions) will appear in parentheses separated by commas immediately after the name of the procedure being called.
 - c. The number of actual parameters for a call must match the number of formal parameters in the procedure's declaration.
2. Email your program to `mehra.nourozborazjany@mavs.uta.edu` by 10:45 a.m. on April 11, 2013.

Getting Started:

1. The values computed for the actual parameters will go on the interpreter's stack. It is useful to think of the matching formal parameters as local variables that get initialized during the `call`.
2. Due to the simple implementation of the PL/0 symbol table, do not be concerned about name reuse/masking within a particular scope.
3. My solution to Lab 1 is at: <http://ranger.uta.edu/~weems/NOTES3302/LAB1SPR13/plzero.io.pas>.