Homework 8, due Friday, November 11, 10am

Show what will be printed by each program (below) if each of the following parameter passing mechanisms is used. Assume that if a parameter is not initialized by its method, the value in the parameter is garbage.

- a. VAL pass by value
- b. RES pass by result
- c. VALRES pass by value-result
- d. REF pass by reference
- e. NAME pass by name

a. Consider the following program in the (made-up) programming language Leibniz.

b. Consider the following program in the (made-up) programming language Leibniz.

Notes:

- This is a paper and pencil homework write clearly labeled answers and submit on paper.
- This assignment requires that you work alone you may, of course, read Chapter 9 or look up definitions of parameter passing mechanisms on the internet but you may not discuss these particular problems with others.
- Submit, on paper, by Friday 10am. Slip under my office door by **10am on Friday** (freeing up your weekend to do the Prolog stuff that Professor Boetje will give you on Wednesday).
- If you have questions about the assignment, contact me by email.