

**CALIFORNIA STATE UNIVERSITY, SACRAMENTO**

College of Business Administration

MIS 102 - ADVANCED COBOL

## ASSIGNMENT 4: PROCESSING A LIST AND STACK ON A RELATIVE FILE

DUE: May 2, 2001

75 POINTS TOTAL

You are to modify your program of Assignment 3. Instead of the host vector constructed from a table, you are to use a *relative file* for your host vector. Consequently, you must change your access methods to the host vector. Addresses are still very important, and must be used to access a host vector element. Namely, READs, WRITEs, etc. appropriate to a relative file will be used for access instead of directly addressing (by use of a subscript) an element in a table. That is, in this assignment, there will NOT be any subscripts. Otherwise, the logic is the same.

April 25, 2001: 4-a 15 Points

- (i) Provide a printout of the contents of the relative file on the disk (i.e., your new host vector) after you have loaded it from HOSTVECT.DAT. Use the same report format (e.g., column headings, separated fields) as required in 3-a.
- (ii) A listing of your checked program, the program which was used to accomplish the above.

May 2, 2001: 4-b 60 Points

- (i) You are to submit the same reports and checked program listing as required for Assignment 3c.
- (ii) You are to submit a copy of the hierarchy chart from Assignment 3c and a hierarchy chart for this assignment *even if both are the same*. If the hierarchy chart for this one is different (because of program modifications and/or improvements in program design and logic), be sure to indicate clearly what the changes are. You may, for example, use an asterisk to flag the changes. Provide also a brief description of the changes and why they were made.