1. Study *Computer Systems*, Fifth edition Chapter 6, Section 6.4 "Indexed Addressing and Arrays", Subsection "Translating Global Arrays", pages 336–340.

    Although the fifth edition description is for Pep/9, it generally applies directly to Pep/10, except that (1) the machine language code is different, and (2) the DECI and DECO instructions are not macro expansions in Pep/9. Specifically, the addressing modes and trace tags are the same in both virtual machines.

2. Do *Computer Systems*, Fifth edition, Problem 27 with Pep/10.

    Your assembly language program must contain (1) a documentation section with your name, date, and assignment number at the top of the program, and (2) trace tags for all the variables.

    Name your file *xx*prob0624.pep (all lowercase) where *xx* is your assigned two-digit number. For example, if your two-digit number is 99 you would name it 99prob0624.pep. Note that the app will automatically append the file extension .pep.

    Hand in your file as an attachment in Canvas under Extra Credit 24.