1. Problem 6.5 in Louden, page 251.


4. I have a C-like language, except that it has no floating-point numbers. Describe how I can emulate floating-point numbers using only integers.

5. I have two C-like languages. Both of them allow for unsigned integers to be arbitrarily large. However, one of them has arrays and the other doesn't. Show that these two languages are equally powerful by demonstrating how to emulate an array of arbitrarily large unsigned integers with a single unsigned integer.