Chapter 1: Basic Concepts

Exercise Solutions

1.1 Difficulty [10]

Answer

t ← a , a ← b, b ← c, c ← d, d ← t

Explanation

Since we're "overwriting" each value by shifting every variable to the left, we have to keep an "extra copy" of **a** *in* **t** before it gets overwritten, that way we can overwrite **d** *with* **t** (our "copy" or equivalent to **a**) at the end. Order significantly matters here as we can't go the other direction without it being too many steps.

Comments

This is the equivalent of a nice beginning programming exercise I use at Girls Who Code! Gets the brain stirring, but definitely a simpler exercise that gets the point across