Modulo Addressing Exercise
Motorola Training Notes 2-21

**Answer**

```
move #samples, r0 ; initialize r0 to point to samples
move #coeff, r4 ; initialize r4 to point to coefficients
move #npts-1, m0 ; initialize m0 for modulo addressing
move #npts-1, m4 ; initialize m4 for modulo addressing
move x:(r0)+, x0 ; move sample into x0, postinc
move y:(r4)+, y0 ; move sample into y0, postinc
```

As we will see shortly, the last two lines could be replaced with

```
move x:(r0), x0 y:(r4), y0 ; move sample/coefficient into x0/y0
```

*If you feel any of these answers are in error, please notify Prof. Phillip De Leon.*