



Summary

The following software shows recursion using QED Forth. It also demonstrates how to test it.

```
\ The following code demonstrates recursion using QED-Forth.  
\ The routine DIVISIBLE? returns a boolean flag indicating  
\ whether or not n is evenly divisible by m  
: DIVISIBLE? ( n\m -- &tflag )  
  LOCALS{ &m &n }  
  &n &m < IF    &n 0=  
    ELSE &n &m - &m RECURSE  
  ENDIF  
;  
  
\ To test, execute:  
\ 6 2 DIVISIBLE? .  
\ 6 5 DIVISIBLE? .  
\ 12 5 DIVISIBLE? .  
\ 12 4 DIVISIBLE? .
```

The information provided herein is believed to be reliable; however, Mosaic Industries assumes no responsibility for inaccuracies or omissions. Mosaic Industries assumes no responsibility for the use of this information and all use of such information shall be entirely at the user's own risk.

Mosaic Industries

5437 Central Ave Suite 1, Newark, CA 94560

Telephone: (510) 790-8222

Fax: (510) 790-0925