



## 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? .
```

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