



# Euclids Recipe

Start with two natural number,  
say 55 and 89.

Repeatedly subtract the smaller  
number from the larger number  
until both numbers are equal.

55	89
55	34
21	34
21	13
8	13
8	5
3	5
3	2
1	2
1	1

This number is the greatest com-  
mon divisor of the numbers you  
started with.

For an interactive version see  
<http://dvberkel.github.com/euclids-recipe>