
Subject: gcf
Posted by [kevb](#) on Thu, 24 Jul 1997 07:00:00 GMT
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Here is a simple function to calculate the GCF of two numbers.
LCM can easily be derived as $LCM = val1 * val2 / GCF(val1, val2)$.

This could be made more efficient, but it works.

```
===== =  
function gcf, val1, val2  
  
    fact=val1 mod val2  
    while fact ne 0 do begin  
  
        val1 = val2  
        val2 = fact  
        fact = val1 mod val2  
    endwhile  
    return , val2  
end
```
