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Subject: ackermann number

Posted by [rogass](#) on Wed, 31 Aug 2011 08:39:34 GMT

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Hi folks,

I try to compute the ackermann number, but unfortunately my code is somehow erroneous. Additionally, I need it in hexadecimal form in a text file. Some ideas how to solve this problem?

Thanks and best regards

CR

function ack,m,n

```
while (1) do begin
    switch m of
        0 : return, n+1u
        1 : return, n+2u
        2 : return, ishft(n,1u)+3u
        3 : return, ishft(1u,n+3)-3u
    else: begin
        if n eq 0 then begin
            n = 0u
        endif else begin
            n = ack4(m,n-1u)
        endelse
        m--
        break
    end
    endswitch
endwhile
end
```

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