
Subject: Re: ackermann number

Posted by [rogass](#) on Wed, 31 Aug 2011 09:44:01 GMT

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On 31 Aug., 10:39, chris <rog...@googlemail.com> wrote:

```
> 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
```

A little typo:

```
n    =    ack(m,n-1u)
```
