
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
```
