
Subject: Re: Array subscripting oddity
Posted by [kevin](#) on Wed, 18 Aug 1993 00:14:19 GMT
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glenn@atm.ch.cam.ac.uk (Glenn Carver) writes:

> I thought I understand array subscripting in PV-wave but this bit of
> code has got me foxed. I was trying to figure out what was going wrong
> with a procedure and finally tracked it down to a problem that I can
> demonstrate using the following example:

```
> WAVE> a=indgen(3)
> WAVE> print,a
>    0    1    2
> WAVE> m=[45,99]
> WAVE> print,m
>    45    99
> WAVE> a(m)=255
> WAVE> print,a
>    0    1   255
```

> Now, I would have thought that because both elements of 'm' are more
> than the size of 'a', no element of 'a' would have been assigned?
> The values '45' and '99' are completely arbitrary. You can set them to
> anything you like.

Looks like a bug to me. the values of m are not quite arbitrary. It works
right if these values are in the proper range for the size of a

Kevin Anderson
