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Subject: Re: Array subscripting oddity  
Posted by [harris](#) on Tue, 17 Aug 1993 15:47:54 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.

> If someone could explain what's going on here (maybe it's a bug??) I'd  
> be most grateful. The configuration is PV-wave 4.01 running on SunOS  
> 4.1.3.

> Thanks.

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> -----  
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Yes, you found a bug. VNI knows about it and it should be fixed shortly.

Mitch

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