
Subject: Array subscripting oddity

Posted by [glenn](#) on Tue, 17 Aug 1993 13:55:36 GMT

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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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