
Subject: Re: FOR statement

Posted by [John-David T. Smith](#) on Thu, 12 Apr 2001 16:04:13 GMT

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Eli Beckerman wrote:

```
>
> Hey,
>
> I just tried running a FOR loop in the hopes
> of incrementing the variable "i" by steps of 0.25 as follows:
>
> radius=fltarr(1000)
> FOR i=0.0, 100.0, 0.25 DO BEGIN
>
>   radius(i)=i
>
> ENDFOR
>
> And what I end up with is an array that starts
> with the value 0.75 and is incremented by steps of 1.
>
> I'm following the convention of the FOR statement as
> presented in IDL's online help. What am I doing wrong?!
```

Indexing an array with a floating point number.

try:

```
FOR i=0.0, 100.0, 0.25 DO BEGIN radius[4*i]=i
```

or even better:

```
radius=findgen(401)/4.
```

JD
