Subject: explain THIS one
Posted by cmancone on Mon, 04 Feb 2008 14:29:04 GMT
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I'm having an error in my code and I stop it to check out what is
going on. Here's the three relevant lines of code:

```
minmag = min(sims[mag,*],max=maxmag)
nbins = (maxmag-minmag)/magbinsize
magres = fltarr(3*nfilters,nbins)
```

Here's some commands I type into a command line to investigate my
issues:

```
IDL> help,nbins
NBINS        FLOAT    =      7.00000
IDL> help,magres
MAGRES        FLOAT    = Array[6, 6]
```

Anyone see a problem here? nbins is a float of size 7.0, and yet
magres ends up with 6 rows!!!! To add to the fun I then type the
following:

```
IDL> nbins = 7.0
IDL> magres = fltarr(3*nfilters,nbins)
IDL> help,magres
MAGRES        FLOAT    = Array[6, 7]
```

To summarize, my array is created with the wrong dimensions, so I re-
assign one of the variables with the exact same value that it had
before, recreate my array, and it works! ?????? Looks like a bug to
me...