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Subject: Re: Am I having a blackout?

Posted by [Mark\[2\]](#) on Thu, 28 May 2009 21:34:17 GMT

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-> due to the line wraps the layout is somewhat disturbed: the d2 is after the d1 and also the negative values are in fact after the other items on the line.

On May 28, 11:27 pm, Mark <[Mark.Saven...@gmail.com](mailto:Mark.Saven...@gmail.com)> wrote:

```
> Hi all,  
>  
> I'm trying to read a very simple file with very basic commands, but it  
> reads the wrong values for the last variable (d2): readf does not see  
> it are negative values and reads only the last five digits. The first  
> five items it reads OK. I guess I'm making a very trivial mistake  
> here, but I don't see it. Anyone having a clearer mind than me?  
> Thanks!  
>  
> Mark  
>  
> sum1 = 0.0  
> sum2 = 0.0  
> sum3 = 0.0  
> sum4 = 0.0  
> count = 0  
> dummy1=""  
> openr, unit, /get_lun, 'sunny_days.fits'  
> while ~eof(unit) do begin  
>   readf, unit, format='(A8,F,F,F,F,F)', dummy1, dummy2, A, beta, d1,  
>   d2  
>   help, dummy1, dummy2, A, beta, d1, d2  
>   sum1 += A  
>   sum2 += beta  
>   sum3 += d1  
>   sum4 += d2  
>   count++  
> end  
> print, sum1/count, sum2/count, sum3/count, sum4/count  
> end  
>  
> part of sunny_days.fits:  
>  
> 20050206  0.386216  1286.08  1.34860  0.133876  
> -0.695917  
> 20050207  0.391236  1080.36  1.19682  0.285981  
> -0.127826  
> 20050402  0.685645  1137.82  1.20061  0.112449  
> -0.716363
```

```
> 20050411  0.727419  1096.23   1.21388  0.134878
> -0.556709
> 20050421  0.768319  1110.19   1.19086  0.136384
> -0.636537
> 20050422  0.772067  1133.38   1.26480  0.214946
> -0.528211
> 20050423  0.775750  1115.85   1.26544  0.196289
> -0.642749
> 20050614  0.878818  1109.71   1.21778  0.140585
> -0.640095
> 20050618  0.879916  1055.35   1.16299  0.103695
> -0.706452
> 20050619  0.880047  1071.56   1.15538  0.0915420
> -0.690452
>
> Full file at:http://www.markjoe.com/tmp/sunny\_days.fits
```

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