
Subject: Am I having a blackout?

Posted by [Mark\[2\]](#) on Thu, 28 May 2009 21:27:48 GMT

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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
