
Subject: Re: Simple format code issue.

Posted by [Kenneth P. Bowman](#) on Wed, 09 Dec 2009 21:09:18 GMT

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In article

<a40dd69e-ed04-4a18-969e-5c41c9acffc7@d10g2000yqh.googlegroups.com>,
polystethylene <polystethylene@hotmail.com> wrote:

> This one should be a doddle to resolve; but I can't for the life of me
> see what I'm doing wrong.

>

> I have 2 columns of data like this:

>

> 5147.475098 0.987662

> 5147.476562 0.985164

> 5147.478516 0.975080

> 5147.479980 0.991375

> 5147.481445 0.982826

> 5147.482910 0.987368

>

> etc...

>

> I would normally read this in with a format code like this:

>

> (2x,F0,3x,F0) - or sometimes drop the x's as you don't really need
> them...

>

> Anyway, this code reads the data in to 8 sig fig (1st column), and 6
> sig fig (second column)

>

> So then I tried a code of (F10.6, F0)... and I get the same issue - I
> can't get more than 4 d.p precision...

>

> I tried it with Doubles as well; but no luck. This has got to be
> simple right? Format codes are a weakness of mine, so I'm totally
> stumped.

>

> Any ideas?

>

> Cheers,

> Stefan

If you really want 11 digits of precision, make sure you are reading
into double precision floating point variables.

Ken Bowman
