Subject: Re: Casting floating point number into e-notation Posted by Tim Hammond on Fri, 09 Jun 1995 07:00:00 GMT View Forum Message <> Reply to Message

cavanaug@uars1.acd.ucar.edu (Charles Cavanaugh) wrote:

>

- > Please, please, please somebody tell me what I'm doing wrong with
- > my attempt to cast a floating point value into e-notation (using
- > our old buddy IDL):

>

I'm not sure if this is exactly what you were asking, but to read a float value into a string in exponential form you can simply use:

```
IDL> a=3.567

IDL> b=strtrim(string(a,format='(e11.4)'),2)

IDL> print,b

3.5670e+00

IDL> help,b

B STRING = '3.5670e+00'
```

If you actually want to force the numbers themselves to appear in this format whatever their value then I'm afraid I can't help, sorry...

All the best,

Tim Hammond.