Subject: Re: Beginner fails miserabley at first hurdle 0.05
0.05
Posted by David Foster on Fri, 06 Feb 1998 08:00:00 GMT
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clovis21@hotmail.com wrote:
>
> Hello all, I'm just starting, but I've come unstuck already. I'm
> trying to write a for .. do begin line, but I can't seem to get it to
> work:
>
> for i=0, 31 do $
> for k=0, 31 do $
> for j=0, 255 DO BEGIN
> real_b(i, k, j)=b(i, k, 2*j)
> imag_b(i, k, j)=b(i, k, (2*j)+1)
> print, i, k, j
> endfor
>
> In desperation I've tried the following:
>
> for i=1, 100 do begin
> print, i
> endfor
>
> and all that happens is that I get 101 printed, then a syntax error on
> the 'n' of endfor. What have I done wrong?
>
> Martin

Martin -

Hang in there man! Since IDL is interpreted line-by-line as you
enter commands, you can't enter loop constructs like you tried,
because those kinds of statements need to be *compiled*. To enter
these commands at the IDL prompt:

```
 IDL> .run
 - for i=1,100 do begin
 -   print, i
 - endfor
 - end
```

and you will get what you expect. Or you can do it on one line:

```
 IDL> for i=1,100 do print, i
```

If you enter your commands like these examples, or put them into

a properly written .pro file and compile them, your statements
will work just fine:

```
; test.pro
PRO test, real_b, imag_b, b

 for i=0, 31 do $
        for k=0, 31 do $
                for j=0, 255 DO BEGIN
                        real_b(i, k, j)=b(i, k, 2*j)
                        imag_b(i, k, j)=b(i, k, (2*j)+1)
                        print, i, k, j
                endfor
return
end
```

Hope this helps.

Dave
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