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Subject: Re: min/max routines  
Posted by [meron](#) on Wed, 13 Nov 1996 08:00:00 GMT  
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In article <328A0DE2.11F@lanl.gov>, Dot Delapp <ddelapp@lanl.gov> writes:

> Is there a routine similar to the fortran and c min max functions  
> that returns the max or min of two numbers?  
>

You don't need a routine. Given two numbers, a and b, the statement

$c = a > b$

gives the max of the two, while

$c = a < b$

gives the min.

Mati Meron | "When you argue with a fool,  
[meron@cars.uchicago.edu](mailto:meron@cars.uchicago.edu) | chances are he is doing just the same"

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Subject: Re: min/max routines  
Posted by [Andy Loughe](#) on Wed, 13 Nov 1996 08:00:00 GMT  
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Dot Delapp wrote:

>  
> Is there a routine similar to the fortran and c min max functions  
> that returns the max or min of two numbers?  
>  
> Thanks

Sure!

```
IDL> a = 40
IDL> b = 45
IDL> print, min([a,b]), max([a,b])
    40    45
```

--  
Andrew F. Loughe                    [afl@cdc.noaa.gov](mailto:afl@cdc.noaa.gov)  
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Campus Box 449                    phn:(303)492-0707    fax:(303)497-7013  
Boulder, CO 80309-0449           "He who laughs last thinks slowest!"

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Subject: Re: min/max routines

Posted by [Tim Patterson](#) on Wed, 13 Nov 1996 08:00:00 GMT

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Dot Delapp wrote:

>  
> Is there a routine similar to the fortran and c min max functions  
> that returns the max or min of two numbers?  
>  
> Thanks

For two or more separate numbers, you can use < and > for min/max

Examples:

> print, 1 < 2

1

> print, 22 < 1.5 < 3 < 6 < 7

1.5

> temp = 1 > 3 > 2

> print, temp

3

There's more under "Mimumum Operator" and "Maximum Operator"  
in the IDL manuals.

Hope this helps

Tim

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