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Subject: Re: Simple question about the '>' sign.

Posted by [R.G.Stockwell](#) on Mon, 01 Feb 2010 22:55:30 GMT

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> munka writes:  
>  
>> I came across this line:  
>>  
>>  $Y = (B - A^6) > 0$ .  
>>  
>> is this equal to:  
>>  
>>  $Y = B - A^6$   
>> index = where(  $Y \text{ lt } 0.$ , ct)  
>> if ct ne 0 then  $Y[\text{index}] = 0$ .  
>  
> No, this is the "greater than" operator. It compares  
> the two values on either side of the operator and returns  
> the largest of the two.  
>  
>> Also, is the decimal point after the 0 significant?

actually, it could force Y to be a float array, rather than an int array.  
(if a and b are ints)

IDL> help,( b - a^6 ) > 0  
<Expression> INT = Array[10]  
IDL> help,( b - a^6 ) > 0.  
<Expression> FLOAT = Array[10]

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