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Subject: Where.. Then Loop IDL help  
Posted by [smnadoum](#) on Fri, 14 Oct 2016 04:39:18 GMT  
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Hi,

I am new to IDL world, and was wondering if you can help me create a loop.

I need to create an array by replacing all values in 'a' that are greater than 5 by 20.

`c= where(a gt 5) then [c] = 20`

Is this the correct way to do it?

Thanks

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Subject: Re: Where.. Then Loop IDL help  
Posted by [smnadoum](#) on Fri, 14 Oct 2016 05:08:12 GMT  
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On Thursday, October 13, 2016 at 9:39:33 PM UTC-7, Cheryl wrote:

> Hi,  
>  
> I am new to IDL world, and was wondering if you can help me create a loop.  
>  
> I need to create an array by replacing all values in 'a' that are greater than 5 by 20.  
>  
> `c= where(a gt 5) then [c] = 20`  
>  
> Is this the correct way to do it?  
>  
> Thanks

I think i found a way to do it

`a[where(a gt 5,/null)]=20` is it correct?? How can I create an array for this?  
I tried to do `:c= a[where(a gt 5,/null)]=20`, but I keep getting a syntax error

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Subject: Re: Where.. Then Loop IDL help  
Posted by [Markus Schmassmann](#) on Fri, 14 Oct 2016 09:25:20 GMT  
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On 10/14/2016 07:08 AM, Cheryl wrote:

> On Thursday, October 13, 2016 at 9:39:33 PM UTC-7, Cheryl wrote:  
>> I am new to IDL world, and was wondering if you can help me create a loop.

```
>>
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> a[where(a gt 5,/null)]=20 is it correct?? How can I create an array for this?
> I tried to do :c= a[where(a gt 5,/null)]=20, but I keep getting a syntax error
if you want to retain a unchanged, then
```

```
b=a
b[where(b gt 5,/null)]=20
```

otherwise, just

```
a[where(a gt 5,/null)]=20
```

if a is already an array, so will b, and a remains an array

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Subject: Re: Where.. Then Loop IDL help  
Posted by [smnadoum](#) on Fri, 14 Oct 2016 18:20:41 GMT  
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On Friday, October 14, 2016 at 2:25:22 AM UTC-7, Markus Schmassmann wrote:

```
> On 10/14/2016 07:08 AM, Cheryl wrote:
>> On Thursday, October 13, 2016 at 9:39:33 PM UTC-7, Cheryl wrote:
>>> I am new to IDL world, and was wondering if you can help me create a loop.
>>>
>>> I need to create an array by replacing all values in 'a' that are greater than 5 by 20.
>>>
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> b[where(b gt 5,/null)]=20
>
> otherwise, just
>
> a[where(a gt 5,/null)]=20
>
> if a is already an array, so will b, and a remains an array
```

Thanks so much.

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