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Subject: Re: Simple question,  
Posted by [gogosgogos](#) on Sat, 12 Jan 2002 23:32:55 GMT  
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use the > and < operators  
they will truncate the other values to 255

```
result = array > 255  
result = array < 255
```

if you mean averaging a subarray, try something like:

```
masked = array * (array GE 255)  
array_mean = mean(masked)
```

hope this helps, not sure what you are up to

cheers!

dinhnq@yahoo.com (Dinh Huong) wrote in message  
news:<b5f3d715.0201120753.d515dc8@posting.google.com>...

```
> Dear lists,  
>  
> I have an array (251,251,16). I would like to average value of pixel  
> where there is mask value of 255 by before and after values.  
>  
> =====This code works=====  
>  
> for k=1, 10 do begin  
>   temp1(*,*,k)=((temp(*,*,k-1)+temp(*,*,k+1))/2) * (temp(*,*,k) eq  
> 255) + (temp(*,*,k) * (temp(*,*,k) ne 255))  
>  
> end  
>  
> =====  
>  
> =====But this code doesn't work=====  
>  
> i=indgen(251)  
> j=indgen(251)  
> k=indgen(16)  
>  
> for k = 2,13 do begin  
>  
> temp1(*,*,k)=(temp(*,*,k) * (temp(*,*,k) ne 255) +  
> ((temp(*,*,k-2)*(temp(*,*,k-1) eq 255) + (temp(*,*,k-1)*(temp(*,*,k-1)  
> ne 255) +  
> temp(*,*,k+1)*(temp(*,*,k+1) ne 255) + temp(*,*,k+2)*(temp(*,*,k+1) eq
```

```
> 255))/2 * (temp(*,*,k) eq 255)
>
> endfor
>
> Thank you for your helps,
>
> Huong Dinh
```

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