
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
