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 befor anf 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 doesnï¿½t 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

>
> I have an array (251,251,16). I would like to average value of pixel
> where there is mask value of 255 by befor anf 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
>
> ====
>

....
"Then don't do it!" Tommy Cooper

Sorry but I couldn't resist

Martin