
Subject: Re: "clamping" an array to a maximum value?
Posted by [Martin Schultz](#) on Mon, 21 Dec 1998 08:00:00 GMT
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Kevin Ivory wrote:

```
> dEdmundson@Bigfoot.com wrote:
>> I have a 2d array of floats. All elements having
>> a value greater than max_val I want to set equal
>> to max_val. My solution is a rather complicated-
>> looking use of the "where" function.
>
> That's easy:
> twod_array = twod_array < max_val
>
> Kevin
> --
> Kevin Ivory          Tel: +49 5556 979 434
> Max-Planck-Institut fuer Aeronomie  Fax: +49 5556 979 240
> Max-Planck-Str. 2      mailto:Kevin@Ivory.de
> D-37191 Katlenburg-Lindau, GERMANY  http://ivory.de/
```

... but be careful to use parantheses when you want to clamp min and max at the same time:

```
twoodle_array = (twoodle_array < max_val ) > min_val
```

Martin.

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