
Subject: Re: Data elimination from array
Posted by [Wox](#) on Fri, 08 Dec 2006 18:36:37 GMT
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Maybe this?

```
array=[0,12,14,16,22,43,12,35,67,88,12,11,5,6,1,3]
narray=n_elements(array)
nlen=1
npiece=4
nblock0=nlen*npiece
nblock=narray/nblock0
```

```
array=reform(array,nlen,narray/nlen)
off0=indgen(npiece,nblock)
```

```
for i=0,npiece-1 do $
  print,reform(array[* ,off0[i,*]],narray/npiece)
```

The last loop is just for showing the 4 array, you probably want to store them:

```
array0=reform(array[* ,off0[0,*]],narray/npiece)
...
```

On 8 Dec 2006 09:07:44 -0800, "StevenM" <s.maclellan@strath.ac.uk> wrote:

```
> Firstly, thanks to those of you who have replied to my posts, the
> replies have been very helpful and I really appreciate the time that
> has been taken on them.
>
> I am trying to re-organise an array of numbers into 4 new arrays. The
> array has 21446656 data points, and I would like to split it up into
> four arrays of 5361664 data points. I would like the first 1792 data
> points in the first new array, the second 1792 data points in the
> second new array and so on. I would then like for the 5th set of 1792
> data points (ie starting at data point 8959) to be put in the first new
> array and so on.
>
> To make this a bit clearer here is an example
> array{0,12,14,16,22,43,12,35,67,88,12,11}
>
```

> would become
>
> array1{0,22,67}
> array2{12,43,88}
> array3{14,12,12}
> array4{16,35,11}
>
> thanks in advance
>
> Steven
