Subject: Re: arithmetic operation on array Posted by wlandsman on Wed, 14 Aug 2013 19:54:26 GMT

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While TEMPORARY() won't help things, you can improve the speed by not using asterisks on the left side of the assignment statement. instead write

for i=0, 999 do data[0,0,i] = temporary(data[\*,\*,i])-average

http://www.idlcoyote.com/code tips/asterisk.html

```
--Wayne
On Wednesday, August 14, 2013 3:24:17 PM UTC-4, John Correira wrote:
> On 08/12/2013 06:51 PM, Phillip Miller wrote:
>> As an aside, I see why using temporary(data) in example 3 is more
>> memory efficient. Would it have been appropriate to use it in example
>> 2 as well, e.g.
>> for i=0, 999 do data[*,*,i] = temporary(data[*,*,i])-average
>> or would I be losing the original array as soon as the temporary
>> function kicks in during the first iteration of the for loop?
>>
>
>
  By subscripting the data array you are making a copy of it, so using
  TEMPORARY won't help.
>
>
>
> John
```