Subject: Re: Partial summation of a data set! Posted by enod on Thu, 16 Nov 2006 11:24:08 GMT

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```
The problem may lies in this:
total(values[chk])
Try:
total(values[*,chk])
Regards,
Tian
DirtyHarry wrote:
> One more time, thanks for your invaluable suggestions for my previous
> post. I have another data file with 50 columns * 8767 rows. This is a
> part of it.
> Day month year data1 data2 data3 ... data47
       1 1981
> .
> 12
       30 2005
> What I am trying to do now is to add up the data in 28 to 35 columns in
> each year. So what I have done so far is...
>
> pro calout
>
> ;CONTROL VARIABLES
 rootpath="D:\IDL_Documents\Temp\"
                                         ;working directory
> ncol= 50
> nrow= 8767
> h="
> data=fltarr(ncol,nrow-1)
> close, 1
> openr, 1, rootpath + 'f1 grow stratum.daily'; This is my data file.
> readf, 1, h
> readf, 1, data
> close, 1
> years=reform(data[2,*]) ;3rd column is year.
> values=reform(data[28:35,*])
>
```

Subject: Re: Partial summation of a data set! Posted by kim20026 on Thu, 16 Nov 2006 12:22:39 GMT

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Thank you, Tian!!! You are right...!!!

```
tianyf@gmail.com wrote:
> The problem may lies in this:
> total(values[chk])
>
> Try:
> total(values[*,chk])
>
>
> Regards,
> Tian
>
>
> DirtyHarry wrote:
>> One more time, thanks for your invaluable suggestions for my previous
>> post. I have another data file with 50 columns * 8767 rows. This is a
>> part of it.
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>> What I am trying to do now is to add up the data in 28 to 35 columns in
>> each year. So what I have done so far is...
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```
>> ;CONTROL VARIABLES
>> rootpath="D:\IDL_Documents\Temp\"
                                         ;working directory
>> ncol= 50
>> nrow= 8767
>> h="
>> data=fltarr(ncol,nrow-1)
>>
>> close, 1
>> openr, 1, rootpath + 'f1_grow_stratum.daily'; This is my data file.
>> readf, 1, h
>> readf, 1, data
>> close, 1
>>
>> years=reform(data[2,*]) ;3rd column is year.
>> values=reform(data[28:35,*])
>>
>> for i=1981, 2005 do begin
       chk=where(years eq i, n_chk)
>>
       if n_chk eq 0 then continue
>>
        print, 'Year:', i, '-> Total = ', total(values[chk])
>>
>> endfor
>> end
>> ------
>> It seemed that there was no problem. No stop, no errors. However,
>> results were totally different form what I expected. Any suggestions or
>> comments? Thanks, in advance!!!
```