
Subject: Re: Sorting with IDL... Please give me any suggestions!!!

Posted by [Braedley](#) on Thu, 21 Dec 2006 15:24:10 GMT

[View Forum Message](#) <> [Reply to Message](#)

Your problem is that you cannot concatenate a string array that doesn't contain only number strings with a number array. That's beside the fact that you're concatenating them improperly. Not a bad idea to store them in a structure.

```
file='score.txt'
lines=file_lines(file)
temp=strarr(2, lines)
openr, lun, /get_lun, file
readf, lun, temp
free_lun, lun
nm=temp[0, *]
sc=float(temp[1, *])
inds=sort(sc)
nm=nm[inds]
sc=sc[inds]
```

```
print, 'The Scores:'
for i=0, lines-1 do print, nm[i], sc[i]
```

And that's that

Braedley

DirtyHarry wrote:

> I am trying to learn the sort function in IDL. I would like to sort the
> final grades of my students in this semester.

```
>
> Jung 75
> Hyun 98
> Ji 95
> Young 92
> Chun 88
> Dong 89
> Joo 87
> Won 82
> Du 86
> Jin 84
```

```
>
> I saved these data in 'score.txt' file. I checked the sort function in
> IDL online help. The explanation was only for 1 dimensional array, but
> it was not useful for me. I just made a simple code like this, but it
> didn't work properly.
```

```
>
```

```
> -----  
> pro grade  
>  
> nm = strarr(10)  
> sr = fltarr(10)  
> gr = [nm, sr]  
> file='score.txt'  
> openr, lun, file, /get_lun  
> readf, lun, gr  
>  
> PRINT, 'Scores in sorted order: ', sr[SORT(sr)]  
> print, gr, free_lun, lun  
>  
> end  
>  
> -----  
> I got a 'input conversion error' message and a blue arrow at line 8.  
> Please let me know what to do. Give me any suggestions. Thanks.
```
